



INDUSTRIAL BATTERIES

CATERPILLAR/JUNGHEINRICH

WALKIES

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.	
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)		
NPP 40 28 x 8.875 x 26.5	24	(4) 8GGC2	pm	3.60	155		3800	25.5	8.5625	24.5	340	X		B	12	SB6325
	24	12-D100-5		4.66	200	100	3611	27.1875	6.4375	26.25	496	X		B	12	SB6325
	24	12-D100-5	cm	4.66	200	100	3526	24.25	8.3125	26.1875	514	X		B	24	SB6325
	24	12-D100-5		4.66	200	100	3209	24.625	6.4375	26.1875	474	X		B	12	SB6325
	24	12-D85-5	cm	3.96	170	85	3167	24.25	8.3125	23.1875	464	X		B	24	SB6325
	24	12-H80-5	cm	3.72	160	80	3167	24.25	8.3125	23.1875	445	X		B	24	SB6325
	24	12-P95-5	cm	4.42	190	95	3167	24.25	8.3125	23.1875	469	X		B	24	SB6325
	24	12-D100-7		6.98	300	100	3123	25.3125	8.5625	26.1875	649	X		B	12	SB6325
	24	12-D85-7		5.94	255	85	3042	25.25	8.5625	23.1875	567	X		B	12	SB6325
	24	12-H80-7		5.59	240	80	3042	25.25	8.5625	23.1875	544	X		B	12	SB6325
	24	12-P95-7		6.63	285	95	3042	25.25	8.5625	23.1875	573	X		B	12	SB6325
	NPP 60 31.5 x 9.25 x 24	24	12-D85-7		5.94	255	85	3447	30.5	8.5625	23.25	595	X		B	18
24		12-D85-7	cm	5.94	255	85	3415	30.5	8.5625	23.1875	606	X		B	18	SB6325
24		12-D85-7		5.94	255	85	3042	25.25	8.5625	23.1875	567	X		B	18	SB6325
24		12-H80-7		5.59	240	80	3447	30.5	8.5625	23.25	571	X		B	18	SB6325
24		12-H80-7	cm	5.59	240	80	3415	30.5	8.5625	23.1875	582	X		B	18	SB6325
24		12-H80-7		5.59	240	80	3042	25.25	8.5625	23.1875	544	X		B	18	SB6325
24		12-P95-7		6.63	285	95	3447	30.5	8.5625	23.25	601	X		B	18	SB6325
24		12-P95-7	cm	6.63	285	95	3415	30.5	8.5625	23.1875	612	X		B	18	SB6325
24		12-P95-7		6.63	285	95	3042	25.25	8.5625	23.1875	573	X		B	18	SB6325
NPP 60 31.5 x 13.4375 x 24 Optional Compartment		24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	965	X		B	18
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	926	X		B	18	SB6325
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	975	X		B	18	SB6325
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1049	X		B	18	SB6325
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1007	X		B	18	SB6325
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1059	X		B	18	SB6325

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WALKIES (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type		Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads		Standard Conn.
				6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Length Pos. (in.)		
NDC 100, NPC 60, NPV 60 31.5 x 13.4375 x 24	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	965	X		B	18	SB6325
	24	12-D85-11		9.89	425	85	3020	26.0625	12.75	23.25	885	X		B	18	SB6325
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	926	X		B	18	SB6325
	24	12-H80-11		9.31	400	80	3020	26.0625	12.75	23.25	850	X		B	18	SB6325
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	975	X		B	18	SB6325
	24	12-P95-11		11.06	475	95	3020	26.0625	12.75	23.25	894	X		B	18	SB6325
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1049	X		B	18	SB6325
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1059	X		B	18	SB6325
NPC 80, NPV 80 31.5 x 13.4375 x 24	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	965	X		B	18	SB6325
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	926	X		B	18	SB6325
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	975	X		B	18	SB6325
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1049	X		B	18	SB6325
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1007	X		B	18	SB6325
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1059	X		B	18	SB6325
NRP 30, NSP 30, NSP 40 32 x 13.4375 x 24	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1049	X		B	18	SB6325
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1007	X		B	18	SB6325
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1059	X		B	18	SB6325
WP4500 26.25 x 8.75 x 25	24	12-D85-7		5.94	255	85	3042	25.25	8.5625	23.1875	567	X		A	18	SB6325
	24	12-H80-7		5.59	240	80	3042	25.25	8.5625	23.1875	544	X		A	18	SB6325
	24	12-P95-7		6.63	285	95	3042	25.25	8.5625	23.1875	573	X		A	18	SB6325
WP4500L 31.25 x 8.75 x 31.25	24	12-D100-7		6.98	300	100	3456	30.5	8.5625	26.1875	672	X		A	18	SB6325
	24	12-D100-7	cm	6.98	300	100	3346	30.5	8.5625	26.1875	693	X		A	24	SB6325
	24	12-D100-7		6.98	300	100	3123	25.3125	8.5625	26.1875	649	X		A	18	SB6325
	24	12-D125-7		8.73	375	125	3824	29.1875	8.6875	31.125	851	X		A	18	SB6325
	24	12-D125-7		8.73	375	125	3329	25.3125	8.5625	31.0625	792	X		A	18	SB6325
	24	12-D85-7		5.94	255	85	3042	25.25	8.5625	23.1875	567	X		A	18	SB6325
	24	12-H120-7		8.38	360	120	3824	29.1875	8.6875	31.125	842	X		A	18	SB6325
	24	12-H120-7		8.38	360	120	3329	25.3125	8.5625	31.0625	784	X		A	18	SB6325
	24	12-H80-7		5.59	240	80	3042	25.25	8.5625	23.1875	544	X		A	18	SB6325
	24	12-P140-7		9.78	420	140	3824	29.1875	8.6875	31.125	860	X		A	18	SB6325
	24	12-P140-7		9.78	420	140	3329	25.3125	8.5625	31.0625	800	X		A	18	SB6325
	24	12-P95-7		6.63	285	95	3042	25.25	8.5625	23.1875	573	X		A	18	SB6325

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WALKIES (continued)

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			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)		
WP6000 25.25 x 8.875 x 25	24	12-D85-7	5.94	255	85	3042	25.25	8.5625	23.1875	567	X		B	18	SB6325	
	24	12-H80-7	5.59	240	80	3042	25.25	8.5625	23.1875	544	X		B	18	SB6325	
	24	12-P95-7	6.63	285	95	3042	25.25	8.5625	23.1875	573	X		B	18	SB6325	
WP6000L 31.5 x 13.5 x 31.1875	24	12-D100-11	cm	11.64	500	100	3539	31.375	12.875	26.25	1068	X		B	30	SB6325
	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	965	X		B	30	SB6325
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	926	X		B	30	SB6325
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	975	X		B	30	SB6325
	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1185	X		B	18	SB6325
	24	12-D125-13		17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	18	SB6325
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1049	X		B	18	SB6325
	24	12-H120-13		16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	18	SB6325
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1007	X		B	18	SB6325
	24	12-P140-13		19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	18	SB6325
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1059	X		B	18	SB6325
WR6000, WR8000 31.9375 x 13.5 x 30.9375	24	12-D100-11	cm	11.64	500	100	3539	31.375	12.875	26.25	1068	X		A	30	SB6325
	24	12-D85-11	cm	9.89	425	85	3163	31.375	12.875	23.25	965	X		A	30	SB6325
	24	12-H80-11	cm	9.31	400	80	3163	31.375	12.875	23.25	926	X		A	30	SB6325
	24	12-P95-11	cm	11.06	475	95	3163	31.375	12.875	23.25	975	X		A	30	SB6325
	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1185	X		A	18	SBX6347
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1049	X		A	18	SBX6347
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1007	X		A	18	SBX6347
SS3000, SS3500 28.25 x 11 x 23.625 See Note A	24	12-D85-9		7.92	340	85	3150	25.1875	10.8125	22.5625	696		X	A	12	SB6325
	24	12-H80-9		7.45	320	80	3150	25.1875	10.8125	22.5625	668		X	A	12	SB6325
	24	12-P95-9		8.85	380	95	3150	25.1875	10.8125	22.5625	703		X	A	12	SB6325
ECR327, ECR336 32 x 13.5 x 31	24	12-D100-13		13.97	600	100	3015	30.5625	12.75	26.25	1185	X		A	18	SB6325
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1049	X		A	18	SB6325
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1007	X		A	18	SB6325
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1059	X		A	18	SB6325
EJCB14, EJCB16 28.25 x 11.4375 x 22.75	24	12-D85-9		7.92	340	85	3150	25.1875	10.8125	22.5625	696		X	B	24	SB6325
	24	12-H80-9		7.45	320	80	3150	25.1875	10.8125	22.5625	668		X	B	24	SB6325
	24	12-P95-9		8.85	380	95	3150	25.1875	10.8125	22.5625	703		X	B	24	SB6325

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WALKIES (continued)

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			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	Length (in.)	
EJE116, EJE118, EJE120 25.75 x 9.4375 x 26.5625	24	12-D100-7	6.98	300	100	3123	25.3125	8.5625	26.1875	649	X		B	18	SB6325
	24	12-D85-7	5.94	255	85	3042	25.25	8.5625	23.1875	567	X		B	18	SB6325
	24	12-H80-7	5.59	240	80	3042	25.25	8.5625	23.1875	544	X		B	18	SB6325
	24	12-P95-7	6.63	285	95	3042	25.25	8.5625	23.1875	573	X		B	18	SB6325
EJE225E 32 x 13.5625 x 31.3125	24	12-D100-13	13.97	600	100	3015	30.5625	12.75	26.25	1185	X		B	18	SB6325
	24	12-D125-13	17.46	750	125	3008	30.5625	12.75	31.125	1455	X		B	18	SB6325
	24	12-D85-13	11.87	510	85	3019	30.5625	12.75	23.25	1049	X		B	18	SB6325
	24	12-H120-13	16.76	720	120	3008	30.5625	12.75	31.125	1440	X		B	18	SB6325
	24	12-H80-13	11.17	480	80	3019	30.5625	12.75	23.25	1007	X		B	18	SB6325
	24	12-P140-13	19.56	840	140	3008	30.5625	12.75	31.125	1470	X		B	18	SB6325
	24	12-P95-13	13.27	570	95	3019	30.5625	12.75	23.25	1059	X		B	18	SB6325

cm - Charge-Mate includes on board charger.

pm - Powr-Mate includes on board charger.

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

Nore A - Battery compartment includes spacer to accommodate smaller battery.

ORDER PICKERS

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			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	Length (in.)	
NOR 22 32.75 x 13.5 x 32	24	12-D125-11	14.55	625	125	3014	31.875	10.8125	30.5	1244		X	A	12	SB6329
	24	12-H120-11	13.97	600	120	3014	31.875	10.8125	30.5	1232		X	A	12	SB6329
	24	12-P140-11	16.30	700	140	3014	31.875	10.8125	30.5	1256		X	A	12	SB6329
	24	12-D125-13	17.46	750	125	3093	30.5625	12.75	30.5	1444		X	A	12	SB6329
	24	12-H120-13	16.76	720	120	3093	30.5625	12.75	30.5	1430		X	A	12	SB6329
	24	12-P140-13	19.56	840	140	3093	30.5625	12.75	30.5	1458		X	A	12	SB6329
NOR 30 31 x 13.375 x 30.875	24	12-D125-13	17.46	750	125	3093	30.5625	12.75	30.5	1444		X	C	20	SB6322
	24	12-H120-13	16.76	720	120	3093	30.5625	12.75	30.5	1430		X	C	20	SB6322
	24	12-P140-13	19.56	840	140	3093	30.5625	12.75	30.5	1458		X	C	20	SB6322
NOR 30 36.75 x 14.5 x 30.875 Optional Compartment	24	12-D160-11	18.62	800	160	3764	36.0625	14	30.5	1699		X	C	20	SB6322
	24	12-D125-15	20.37	875	125	3670	36.0625	14	30.5	1739		X	C	20	SB6322
	24	12-H120-15	19.56	840	120	3670	36.0625	14	30.5	1722		X	C	20	SB6322
	24	12-P140-15	22.81	980	140	3670	36.0625	14	30.5	1756		X	C	20	SB6322

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			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
NOR 30P 36.875 x 14 x 30.875	24	12-D160-11	18.62	800	160	3025	35.0625	13.1875	30.5	1647		X	C	12	SB6322
	24	12-D125-15	20.37	875	125	3036	35.0625	12.875	30.5	1651		X	C	12	SB6322
	24	12-H120-15	19.56	840	120	3036	35.0625	12.875	30.5	1634		X	C	12	SB6322
	24	12-P140-15	22.81	980	140	3036	35.0625	12.875	30.5	1668		X	C	12	SB6322
NOR 30P 36.75 x 14.5 x 30.875 Optional Compartment	24	12-D160-11	18.62	800	160	3764	36.0625	14	30.5	1699		X	C	20	SB6322
	24	12-D125-15	20.37	875	125	3670	36.0625	14	30.5	1739		X	C	20	SB6322
	24	12-H120-15	19.56	840	120	3670	36.0625	14	30.5	1722		X	C	20	SB6322
	24	12-P140-15	22.81	980	140	3670	36.0625	14	30.5	1756		X	C	20	SB6322
NOR 30P 38.875 x 14 x 30.875	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1944		X	C	20	SB6322
	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1925		X	C	20	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1963		X	C	20	SB6322
	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1848		X	C	20	SB6322
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1830		X	C	20	SB6322
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1866		X	C	20	SB6322
NOR30P 38.875 x 14 x 30.875	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1848		X	C	20	SB6320
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1830		X	C	20	SB6320
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1866		X	C	20	SB6320
EKS110 25 x 14 x 30.5	24	12-D125-9	11.64	500	125	3859	24.3125	14	30.5	1200		X	B	16	EBC160
	24	12-H120-9	11.17	480	120	3859	24.3125	14	30.5	1188		X	B	16	EBC160
	24	12-P140-9	13.04	560	140	3859	24.3125	14	30.5	1212		X	B	16	EBC160
EKS230, EKS230P 38.6875 x 14.25 x 32.25	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1944		X	C	12	SB6322
	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1925		X	C	12	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1963		X	C	12	SB6322
EKS314 34 x 17.5625 x 32.4375	48	24-D125-9	23.28	500	125	7727	33.25	17.25	30.56	2023		X	C	20	EBC320
	48	24-H120-9	22.35	480	120	7727	33.25	17.25	30.56	2003		X	C	20	EBC320
	48	24-P140-9	26.07	560	140	7727	33.25	17.25	30.56	2043		X	C	20	EBC320
EKS330P 38.6875 x 14.25 x 32.25	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1848		X	C	12	SB6320
	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1830		X	C	12	SB6320
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1866		X	C	12	SB6320

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

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REACH TRUCKS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
ND2500, NR3000, NR3500	24	12-D125-15	20.37	875	125	3115	38.0625	11.875	30.5	1677		X	B	11	SB6322
NR4000, NRDR25, NRDR30	24	12-H120-15	19.56	840	120	3115	38.0625	11.875	30.5	1660		X	B	11	SB6322
NRR30, NRR35, NRR40	24	12-P140-15	22.81	980	140	3115	38.0625	11.875	30.5	1694		X	B	11	SB6322
NS3000, NS4000	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1944		X	B	11	SB6322
38.625 x 14.25 x 31.625	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1925		X	B	11	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1963		X	B	11	SB6322
NRDR25, NRR30, NRR35	24	12-D125-15	20.37	875	125	3115	38.0625	11.875	30.5	1677		X	B	11	SB6322
NRR40	24	12-H120-15	19.56	840	120	3115	38.0625	11.875	30.5	1660		X	B	11	SB6322
Optional Compartment	24	12-P140-15	22.81	980	140	3115	38.0625	11.875	30.5	1694		X	B	11	SB6322
39.625 x 14.25 x 31.625	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1944		X	B	11	SB6322
	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1925		X	B	11	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1963		X	B	11	SB6322
ND2500, ND3000, ND3000P	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2168		X	B	12	SB6320 w/922
NR3000, NR3500, NR4000	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2146		X	B	12	SB6320 w/922
NR4000P, NR4500, NR4500P	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2190		X	B	12	SB6320 w/922
NRDR25, NRDR25P, NRDR30															
NRDR30P, NRR30, NRR30P															
NRR35, NRR35P, NRR40															
NRR40P, NRR45P, NS3000															
NS4000															
38.625 x 16.25 x 31.625															
ND3000, ND3000P, NR3500	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2486		X	B	24	SB6320
NR4000, NR4000P, NR4500	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2461		X	B	24	SB6320
NR4500P, NS4000	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2511		X	B	24	SB6320
Optional Compartment															
38.625 x 18.25 x 31.6875															
ND3000, ND3000P, NR4000	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2834		X	B	12	SB6320 w/922
NR4000P, NR4500, NR4500P	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2806		X	B	12	SB6320 w/922
NRDR25P, NRDR30P, NRR30P	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2862		X	B	12	SB6320 w/922
NRR35P, NRR40P, NRR45P															
Optional Compartment															
38.625 x 21.25 x 31.625															

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REACH TRUCKS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
ETM214, ETM216, ETM320	48	24-D125-11	29.10	625	125	7497	40.5	17.1875	30.5625	2466		X	A	25	EBC320
ETM325	48	24-H120-11	27.94	600	120	7497	40.5	17.1875	30.5625	2441		X	A	25	EBC320
40.75 x 17.5 x 30.8125	48	24-P140-11	32.59	700	140	7497	40.5	17.1875	30.5625	2491		X	A	25	EBC320
ETM214, ETM216, ETM320	48	24-D125-13	34.92	750	125	7809	40.5	20.5625	30.5625	2882		X	A	25	EBC320
ETM325	48	24-H120-13	33.52	720	120	7809	40.5	20.5625	30.5625	2853		X	A	25	EBC320
40.75 x 20.9375 x 30.8125	48	24-P140-13	39.11	840	140	7809	40.5	20.5625	30.5625	2911		X	A	25	EBC320
ETR125D, ETR130, ETR135	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1944		X	B	25	SB6320
ETR140, ETR225D, ETR230	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1925		X	B	25	SB6320
ETR235, ETR340	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1963		X	B	25	SB6320
38.5625 x 14.25 x 31.6875															
ETR125D, ETR130, ETR225D	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1848		X	B	25	SB6320
ETR230	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1830		X	B	25	SB6320
38.5625 x 14.25 x 31.6875	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1866		X	B	25	SB6320
ETR135, ETR140, ETR230D	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2168		X	B	25	SB6320
ETR230DP, ETR235, ETR340	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2146		X	B	25	SB6320
ETR340P, ETR345, ETR345P	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2190		X	B	25	SB6320
38.5625 x 16.25 x 31.6875															
ETR135, ETR140, ETR230D	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2486		X	B	25	SB6320
ETR230DP, ETR235, ETR340	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2461		X	B	25	SB6320
ETR340P, ETR345, ETR345P	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2511		X	B	25	SB6320
38.5625 x 18.25 x 31.6875															
ETR140, ETR230D	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2834		X	B	25	SB6320
ETR230DP, ETR340	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2806		X	B	25	SB6320
ETR340P, ETR345, ETR345P	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2862		X	B	25	SB6320
38.5625 x 21.25 x 31.6875															
ETV114, ETV116, ETV214	48	24-D125-7	17.46	375	125	7789	47.3125	10.625	30.5	1689		X	A	25	EBC320
ETV216, ETV320	48	24-H120-7	16.76	360	120	7789	47.3125	10.625	30.5	1672		X	A	25	EBC320
48.1875 x 11.1875 x 30.8125	48	24-P140-7	19.56	420	140	7789	47.3125	10.625	30.5	1706		X	A	25	EBC320
ETV214, ETV216, ETV320	48	24-D125-11	29.10	625	125	7512	47.5625	16.3125	30.5625	2579		X	A	25	EBC320
48.1875 x 16.8125 x 30.8125	48	24-H120-11	27.94	600	120	7512	47.5625	16.3125	30.5625	2553		X	A	25	EBC320
	48	24-P140-11	32.59	700	140	7512	47.5625	16.3125	30.5625	2605		X	A	25	EBC320

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REACH TRUCKS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
ETV320, ETV325 48.125 x 19.6875 x 30.5625	48	24-D125-15	40.74	875	125	7735	46.6875	19.3125	30.5625	3266		X	A	25	EBC320
	48	24-H120-15	39.11	840	120	7735	46.6875	19.3125	30.5625	3233		X	A	25	EBC320
	48	24-P140-15	45.63	980	140	7735	46.6875	19.3125	30.5625	3299		X	A	25	EBC320
ETVQ20, ETVQ25 40.6875 x 20.9375 x 30.8125	48	24-D125-13	34.92	750	125	7111	37.8125	20.5625	30.5625	2811		X	A	25	EBC320
	48	24-H120-13	33.52	720	120	7111	37.8125	20.5625	30.5625	2783		X	A	25	EBC320
	48	24-P140-13	39.11	840	140	7111	37.8125	20.5625	30.5625	2839		X	A	25	EBC320

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

STRADDLE TRUCKS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
NSR30, NSR40 38.625 x 14.25 x 31.625	24	12-D125-15	20.37	875	125	3115	38.0625	11.875	30.5	1677		X	B	12	SB6322
	24	12-H120-15	19.56	840	120	3115	38.0625	11.875	30.5	1660		X	B	12	SB6322
	24	12-P140-15	22.81	980	140	3115	38.0625	11.875	30.5	1694		X	B	12	SB6322
	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1944		X	B	12	SB6322
	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1925		X	B	12	SB6322
	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1963		X	B	12	SB6322
NSR30, NSR40 Optional Compartment 38.625 x 16.25 x 31.625	24	12-D125-19	26.19	1125	125	3134	38.1875	15	30.5625	2126		X	B	12	SB6322
	24	12-H120-19	25.14	1080	120	3134	38.1875	15	30.5625	2105		X	B	12	SB6322
	24	12-P140-19	29.33	1260	140	3134	38.1875	15	30.5625	2147		X	B	12	SB6322
NSR30P, NSR40P 38.625 x 16.25 x 31.625	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2168		X	B	12	SB6320
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2146		X	B	12	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2190		X	B	12	SB6320
NSR30P, NSR40P Optional Compartment 38.625 x 21.25 x 31.625	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2834		X	B	12	SB6320
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2806		X	B	12	SB6320
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2862		X	B	12	SB6320

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STRADDLE TRUCKS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
SS3000, SS3500	24	12-D85-9	7.92	340	85	3150	25.1875	10.8125	22.5625	696		X	A	12	SB6329
Without spacer	24	12-H80-9	7.45	320	80	3150	25.1875	10.8125	22.5625	668		X	A	12	SB6329
28.25 x 11.25 x 25.5	24	12-P95-9	8.85	380	95	3150	25.1875	10.8125	22.5625	703		X	A	12	SB6329
With spacer															
25.25 x 11.25 x 25.5															
ETB130, ETB140, ETB230	24	12-D125-17	23.28	1000	125	3127	38.1875	13.5	30.5625	1944		X	B	25	SB6320
ETB340	24	12-H120-17	22.35	960	120	3127	38.1875	13.5	30.5625	1925		X	B	25	SB6320
38.5625 x 14.25 x 31.6875	24	12-P140-17	26.07	1120	140	3127	38.1875	13.5	30.5625	1963		X	B	25	SB6320
ETB130, ETB230	24	12-D125-19	26.19	1125	125	3953	38.1875	15.75	30.5625	2146		X	B	25	SB6320
38.5625 x 16.25 x 31.6875	24	12-H120-19	25.14	1080	120	3953	38.1875	15.75	30.5625	2125		X	B	25	SB6320
	24	12-P140-19	29.33	1260	140	3953	38.1875	15.75	30.5625	2167		X	B	25	SB6320
ETB130, ETB230	36	18-D125-11	21.83	625	125	6016	37.8125	13.3125	30.5625	1848		X	B	25	SB6320
38.5625 x 14.25 x 31.6875	36	18-H120-11	20.95	600	120	6016	37.8125	13.3125	30.5625	1830		X	B	25	SB6320
	36	18-P140-11	24.44	700	140	6016	37.8125	13.3125	30.5625	1866		X	B	25	SB6320
ETB140, ETB230, ETB340	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2168		X	B	25	SB6320
38.5625 x 16.25 x 31.6875	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2146		X	B	25	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2190		X	B	25	SB6320
ETB140, ETB340	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2486		X	B	25	SB6320
38.5625 x 18.25 x 31.6875	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2461		X	B	25	SB6320
	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2511		X	B	25	SB6320

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

NARROW AISLE TURRET

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
EFX410, EFX413, EKX410	48	24-D85-15	27.70	595	85	7031	38.1875	23.5625	22.6875	2332		X	B	16	EBC320
42.1875 x 25.25 x 25.25	48	24-H80-15	26.07	560	80	7031	38.1875	23.5625	22.6875	2239		X	B	16	EBC320
	48	24-P95-15	30.96	665	95	7031	38.1875	23.5625	22.6875	2355		X	B	16	EBC320

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NARROW AISLE TURRET (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
EKX513 42.1875 x 24.3125 x 36	80	40-D125-9	38.80	500	125	9370	41.5	23.4375	30.5625	3205		X	B	16	EBC320
	80	40-H120-9	37.25	480	120	9370	41.5	23.4375	30.5625	3173		X	B	16	EBC320
	80	40-P140-9	43.46	560	140	9370	41.5	23.4375	30.5625	3237		X	B	16	EBC320
EKX515K 41.75 x 28.25 x 36	80	40-D125-11	48.50	625	125	9382	40.5	28.125	30.5625	3982		X	B	16	EBC320
	80	40-H120-11	46.56	600	120	9382	40.5	28.125	30.5625	3942		X	B	16	EBC320
	80	40-P140-11	54.32	700	140	9382	40.5	28.125	30.5625	4022		X	B	16	EBC320
EKX515 42.1875 x 39.875 x 36	80	40-D125-13	58.20	750	125	9329	40.5	39.5625	30.5625	4575		X	B	16	EBC320
	80	40-H120-13	55.87	720	120	9329	40.5	39.5625	30.5625	4529		X	B	16	EBC320
	80	40-P140-13	65.18	840	140	9329	40.5	39.5625	30.5625	4621		X	B	16	EBC320

SIDE STANCE RIDERS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate KWH	A.H.	AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
							Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
NPS60 32 x 13.4375 x 24	24	12-D85-11	9.89	425	85	3163	31.375	12.875	23.25	965	X		B	30	SB6325
	24	12-H80-11	9.31	400	80	3163	31.375	12.875	23.25	926	X		B	30	SB6325
	24	12-P95-11	11.06	475	95	3163	31.375	12.875	23.25	975	X		B	30	SB6325
	24	12-D85-13	11.87	510	85	3019	30.5625	12.75	23.25	1049	X		B	18	SB6325
	24	12-H80-13	11.17	480	80	3019	30.5625	12.75	23.25	1007	X		B	18	SB6325
	24	12-P95-13	13.27	570	95	3019	30.5625	12.75	23.25	1059	X		B	18	SB6325

DISCLAIMER: When battery is installed in truck, battery restraints should be adjusted to prohibit movement of the battery to no more than 1/2" in a horizontal direction. Battery dimensions are $\pm 1/16"$. Battery weights may vary $\pm 5\%$. Counterweight must be added if the service weight stamped on

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SIDE STANCE RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads		Standard Conn.	
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Length Pos. (in.)			
NPS60 Optional Compartment 32 x 9.1875 x 24	24	12-D85-5	cm	3.96	170	85	3734	30.5	8.5625	23.1875	477	X		B	27	SB6325
	24	12-D85-5	cm	3.96	170	85	3167	24.25	8.3125	23.1875	464	X		B	24	SB6325
	24	12-H80-5	cm	3.72	160	80	3734	30.5	8.5625	23.1875	458	X		B	27	SB6325
	24	12-H80-5	cm	3.72	160	80	3167	24.25	8.3125	23.1875	445	X		B	24	SB6325
	24	12-P95-5	cm	4.42	190	95	3734	30.5	8.5625	23.1875	482	X		B	27	SB6325
	24	12-P95-5	cm	4.42	190	95	3167	24.25	8.3125	23.1875	469	X		B	24	SB6325
	24	12-D85-7		5.94	255	85	3447	30.5	8.5625	23.25	595	X		B	18	SB6325
	24	12-D85-7	cm	5.94	255	85	3415	30.5	8.5625	23.1875	606	X		B	24	SB6325
	24	12-D85-7		5.94	255	85	3042	25.25	8.5625	23.1875	567	X		B	18	SB6325
	24	12-H80-7		5.59	240	80	3447	30.5	8.5625	23.25	571	X		B	18	SB6325
	24	12-H80-7	cm	5.59	240	80	3415	30.5	8.5625	23.1875	582	X		B	24	SB6325
	24	12-H80-7		5.59	240	80	3042	25.25	8.5625	23.1875	544	X		B	18	SB6325
	24	12-P95-7		6.63	285	95	3447	30.5	8.5625	23.25	601	X		B	18	SB6325
	24	12-P95-7	cm	6.63	285	95	3415	30.5	8.5625	23.1875	612	X		B	24	SB6325
24	12-P95-7		6.63	285	95	3042	25.25	8.5625	23.1875	573	X		B	18	SB6325	
NPS80 32 x 13.4375 x 24	24	12-D85-11		9.89	425	85	3163	31.375	12.875	23.25	965	X		B	18	SB6325
	24	12-H80-11		9.31	400	80	3163	31.375	12.875	23.25	926	X		B	18	SB6325
	24	12-P95-11		11.06	475	95	3163	31.375	12.875	23.25	975	X		B	18	SB6325
	24	12-D85-13		11.87	510	85	3019	30.5625	12.75	23.25	1049	X		B	18	SB6325
	24	12-H80-13		11.17	480	80	3019	30.5625	12.75	23.25	1007	X		B	18	SB6325
	24	12-P95-13		13.27	570	95	3019	30.5625	12.75	23.25	1059	X		B	18	SB6325

cm - Charge-Mate includes on board charger

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

STAND-UP RIDERS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads		Standard Conn.	
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Length Pos. (in.)			
EC15KS, EC18KS 38.5 x 13.5625 x 32.25 Optional Compartment	36	18-D125-11		21.83	625	125	6016	37.8125	13.3125	30.5625	1848		X	B	15	SB6320
	36	18-H120-11		20.95	600	120	6016	37.8125	13.3125	30.5625	1830		X	B	15	SB6320
	36	18-P140-11		24.44	700	140	6016	37.8125	13.3125	30.5625	1866		X	B	15	SB6320
EC15KS, EC18KS 38.5 x 16.25 x 32.25	36	18-D125-13		26.19	750	125	6005	37.8125	15.5625	30.5625	2168		X	B	15	SB6320
	36	18-H120-13		25.14	720	120	6005	37.8125	15.5625	30.5625	2146		X	B	15	SB6320
	36	18-P140-13		29.33	840	140	6005	37.8125	15.5625	30.5625	2190		X	B	15	SB6320

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STAND-UP RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.	
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)		
EC15KS, EC18KS Optional Compartment 38.5 x 18.5 x 32.25	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2486		X	B	15	SB6320	
	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2461		X	B	15	SB6320	
	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2511		X	B	15	SB6320	
EC20KS 38.5 x 18.5 x 32.25	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2486		X	B	15	SB6320	
	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2461		X	B	15	SB6320	
	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2511		X	B	15	SB6320	
EC15KS, EC18KS, EC20KS 38.5 x 21.25 x 32.25	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2834		X	B	15	SB6320	
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2806		X	B	15	SB6320	
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2862		X	B	15	SB6320	
EC25KS 38.5 x 23.75 x 32.25	36	18-D125-19	39.29	1125	125	6089	38.1875	22.3125	30.5625	3106		X	B	15	SB6320	
	36	18-H120-19	37.71	1080	120	6089	38.1875	22.3125	30.5625	3075		X	B	15	SB6320	
	36	18-P140-19	44.00	1260	140	6089	38.1875	22.3125	30.5625	3137		X	B	15	SB6320	
ES5000, ES5500, ETG340 ETG350, ETG355 38.625 x 21.25 x 31.75 Min. Battery Wt. - 2600 lbs.	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2834		X	C	20	SB6320	
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2806		X	C	20	SB6320	
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2862		X	C	20	SB6320	
ETG350, ETG355 38.5 x 23.75 x 32.25	36	18-D125-19	39.29	1125	125	6089	38.1875	22.3125	30.5625	3106		X	C	20	SB6320	
	36	18-H120-19	37.71	1080	120	6089	38.1875	22.3125	30.5625	3075		X	C	20	SB6320	
	36	18-P140-19	44.00	1260	140	6089	38.1875	22.3125	30.5625	3137		X	C	20	SB6320	
ES5000, ES5500 38.625 x 23.75 x 31.75 Min. Battery Wt. - 2900 lbs.	36	18-D125-17	sp	34.92	1000	125	6C87	38.4375	20.0625	30.9375	2900		X	A	20	SB6320
	36	18-D125-17		34.92	1000	125	6069	38.1875	20.0625	30.5625	2834 *		X	A	20	SB6320
	36	18-H120-17	sp	33.52	960	120	6C87	38.4375	20.0625	30.9375	2871		X	A	20	SB6320
	36	18-H120-17		33.52	960	120	6069	38.1875	20.0625	30.5625	2806 *		X	A	20	SB6320
	36	18-P140-17	sp	39.11	1120	140	6C87	38.4375	20.0625	30.9375	2929		X	A	20	SB6320
	36	18-P140-17		39.11	1120	140	6069	38.1875	20.0625	30.5625	2862 *		X	A	20	SB6320
	36	18-D125-19		39.29	1125	125	6089	38.1875	22.3125	30.5625	3106		X	A	20	SB6320
	36	18-H120-19		37.71	1080	120	6089	38.1875	22.3125	30.5625	3075		X	A	20	SB6320
ETG230, ETG235 38.5 x 14.25 x 31.5625	36	18-D125-11		21.83	625	125	6016	37.8125	13.3125	30.5625	1848		X	C	20	SB6320
	36	18-H120-11		20.95	600	120	6016	37.8125	13.3125	30.5625	1830		X	C	20	SB6320
	36	18-P140-11		24.44	700	140	6016	37.8125	13.3125	30.5625	1866		X	C	20	SB6320

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STAND-UP RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
ETG230, ETG235, ETG630 38.5 x 16.25 x 31.5625	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2168		X	C	20	SB6320
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2146		X	C	20	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2190		X	C	20	SB6320
ETG230, ETG235, ETG340 38.5 x 18.25 x 31.5625	36	18-D125-15	30.56	875	125	6045	38.1875	17.8125	30.5625	2486		X	C	20	SB6320
	36	18-H120-15	29.33	840	120	6045	38.1875	17.8125	30.5625	2461		X	C	20	SB6320
	36	18-P140-15	34.22	980	140	6045	38.1875	17.8125	30.5625	2511		X	C	20	SB6320

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

sp - Special tray IST6C87 includes steel plates for minimum weight requirement. Consult factory for price and weight variance.

* Must use auxilliary counterweight in compartment.

COUNTERBALANCED RIDERS

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
EP15T, EP18T 39.1875 x 20.625 x 24.4375	36	18-D85-17	23.75	680	85	6015	38.1875	20.0625	22.6875	2045		X	D	30	SB6320
	36	18-H80-17	22.35	640	80	6015	38.1875	20.0625	22.6875	1963		X	D	30	SB6320
	36	18-P95-17	26.54	760	95	6015	38.1875	20.0625	22.6875	2065		X	D	30	SB6320
EP15T, EP18T 39.1875 x 20.625 x 24.4375	48	24-D85-13	23.75	510	85	7017	37.8125	20.5625	22.6875	2030		X	D	30	SB6320
	48	24-H80-13	22.35	480	80	7017	37.8125	20.5625	22.6875	1949		X	D	30	SB6320
	48	24-P95-13	26.54	570	95	7017	37.8125	20.5625	22.6875	2050		X	D	30	SB6320
EP18T, EP20T 39.5625 x 25 x 24.5625	36	18-D85-19	26.71	765	85	6041	38.1875	22.3125	22.6875	2242		X	D	30	SB6320
	36	18-H80-19	25.14	720	80	6041	38.1875	22.3125	22.6875	2152		X	D	30	SB6320
	36	18-P95-19	29.86	855	95	6041	38.1875	22.3125	22.6875	2264		X	D	30	SB6320
	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2466		X	D	30	SB6320
	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2367		X	D	30	SB6320
	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2491		X	D	30	SB6320
EP18T, EP20T 39.5625 x 25 x 24.5625	48	24-D85-15	27.70	595	85	7031	38.1875	23.5625	22.6875	2332		X	D	30	SB6320
	48	24-H80-15	26.07	560	80	7031	38.1875	23.5625	22.6875	2239		X	D	30	SB6320
	48	24-P95-15	30.96	665	95	7031	38.1875	23.5625	22.6875	2355		X	D	30	SB6320
EP16KT, ET3000 40 x 20.875 x 24.75	36	18-D85-17	23.75	680	85	6015	38.1875	20.0625	22.6875	2045		X	B	20	SB6320
	36	18-H80-17	22.35	640	80	6015	38.1875	20.0625	22.6875	1963		X	B	20	SB6320
	36	18-P95-17	26.54	760	95	6015	38.1875	20.0625	22.6875	2065		X	B	20	SB6320

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.	
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)		
EP16KT, ET3000 40 x 20.875 x 24.75	48	24-D85-13	23.75	510	85	7017	37.8125	20.5625	22.6875	2030		X	B	20	SB6320	
	48	24-H80-13	22.35	480	80	7017	37.8125	20.5625	22.6875	1949		X	B	20	SB6320	
	48	24-P95-13	26.54	570	95	7017	37.8125	20.5625	22.6875	2050		X	B	20	SB6320	
EP18KT, EP20KT, ET3500 ET4000 40 x 24.875 x 24.75	36	18-D85-19	26.71	765	85	6041	38.1875	22.3125	22.6875	2242		X	B	20	SB6320	
	36	18-H80-19	25.14	720	80	6041	38.1875	22.3125	22.6875	2152		X	B	20	SB6320	
	36	18-P95-19	29.86	855	95	6041	38.1875	22.3125	22.6875	2264		X	B	20	SB6320	
	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2466		X	B	20	SB6320	
	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2367		X	B	20	SB6320	
	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2491		X	B	20	SB6320	
EP18KT, EP20KT, ET3500 ET4000 40 x 24.875 x 24.75	48	24-D85-15	27.70	595	85	7031	38.1875	23.5625	22.6875	2332		X	B	20	SB6320	
	48	24-H80-15	26.07	560	80	7031	38.1875	23.5625	22.6875	2239		X	B	20	SB6320	
	48	24-P95-15	30.96	665	95	7031	38.1875	23.5625	22.6875	2355		X	B	20	SB6320	
FC40, F35, F40 39.1875 x 24.875 x 24.375 Min. Battery Wt. - 2200 lbs.	36	18-D85-19	26.71	765	85	6041	38.1875	22.3125	22.6875	2242		X	B	30	SB6320	
	36	18-H80-19	25.14	720	80	6041	38.1875	22.3125	22.6875	2152		X	B	30	SB6320	
	36	18-P95-19	29.86	855	95	6041	38.1875	22.3125	22.6875	2264		X	B	30	SB6320	
	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2466		X	B	30	SB6320	
	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2367		X	B	30	SB6320	
	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2491		X	B	30	SB6320	
F35, F40, FC40 39.1875 x 24.875 x 24.375 Min. Battery Wt. - 2200 lbs.	48	24-D85-15	27.70	595	85	7031	38.1875	23.5625	22.6875	2332		X	B	30	SB6320	
	48	24-H80-15	26.07	560	80	7031	38.1875	23.5625	22.6875	2239		X	B	30	SB6320	
	48	24-P95-15	30.96	665	95	7031	38.1875	23.5625	22.6875	2355		X	B	30	SB6320	
F30, F25 39.1875 x 20.5625 x 24.375 Min. Battery Wt. - 1900 lbs.	36	18-D85-17	23.75	680	85	6015	38.1875	20.0625	22.6875	2045		X	B	30	SB6320	
	36	18-H80-17	22.35	640	80	6015	38.1875	20.0625	22.6875	1963		X	B	30	SB6320	
	36	18-P95-17	26.54	760	95	6015	38.1875	20.0625	22.6875	2065		X	B	30	SB6320	
F30, F25 39.1875 x 20.5625 x 24.375 Min. Battery Wt. - 1900 lbs.	48	24-D85-11	sp	19.79	425	85	7501	38.3125	18.1875	22.6875	1922		X	B	30	SB6320
	48	24-H80-11	sp	18.62	400	80	7501	38.3125	18.1875	22.6875	1845		X	B	30	SB6320
	48	24-P95-11	sp	22.12	475	95	7501	38.3125	18.1875	22.6875	1941		X	B	30	SB6320
F50DSA, F40D, F50D 45.5 x 41.25 x 18.875 Low Overhead Guard	36	18-D55-29	26.89	770	55	6649	38.1875	33.6875	18.1875	2559		X	B	30	SB6320	
	36	18-D55-31	28.81	825	55	6770	38.1875	38.1875	18.1875	2759		X	B	30	SB6320	
	36	18-D55-33	30.73	880	55	6354	38.1875	38.1875	18.1875	2937		X	B	30	SB6320	

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Length Pos. (in.)		
F50DSA, F40D, F50D	48	24-D55-23	28.17	605	55	7204	38.1875	35.6875	18.1875	2741		X	B	30	SB6320
45.5 x 41.25 x 18.875	48	24-D55-27	33.29	715	55	7109	41.6875	38.1875	18.1875	3173		X	B	30	SB6320
Low Overhead Guard															
F50DSA, F40D, F40DSA	36	18-D65-29	31.78	910	65	6678	38.1875	33.6875	20.0625	2864		X	B	30	SB6320
F50D	36	18-D65-31	34.05	975	65	6151	38.1875	38.1875	20.0625	3093		X	B	30	SB6320
45.5 x 41.25 x 20.875	36	18-D65-33	36.32	1040	65	6273	38.1875	38.1875	20.0625	3286		X	B	30	SB6320
Standard Overhead Guard															
F40D, F40DSA, F50D	48	24-D65-25	36.32	780	65	7521	38.6875	38.1875	20.0625	3276		X	B	30	SB6320
F50DSA	48	24-D65-27	39.34	845	65	7218	41.6875	38.1875	20.0625	3597		X	B	30	SB6320
45.5 x 41.25 x 20.875	48	24-D65-29	42.37	910	65	7321	44.6875	38.1875	20.0625	3813		X	B	30	SB6320
Standard Overhead Guard															
F50DSA, F40D, F50D	36	18-D85-31	44.52	1275	85	6164	38.1875	35.9375	22.6875	3619		X	B	30	SB6320
45.5 x 41.25 x 24.0625	36	18-H80-31	41.90	1200	80	6164	38.1875	35.9375	22.6875	3474		X	B	30	SB6320
High Overhead Guard	36	18-P95-31	49.76	1425	95	6164	38.1875	35.9375	22.6875	3655		X	B	30	SB6320
	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320
F50DSA, F40D, F50D	48	24-D85-27	51.45	1105	85	7085	41.6875	38.1875	22.6875	4097		X	D	30	SB6320
45.5 x 41.25 x 24.0625	48	24-H80-27	48.42	1040	80	7085	41.6875	38.1875	22.6875	3933		X	D	30	SB6320
High Overhead Guard	48	24-P95-27	57.50	1235	95	7085	41.6875	38.1875	22.6875	4138		X	D	30	SB6320
	48	24-D85-29	55.41	1190	85	7067	44.6875	38.1875	22.6875	4497		X	D	30	SB6320
	48	24-H80-29	52.15	1120	80	7067	44.6875	38.1875	22.6875	4317		X	D	30	SB6320
	48	24-P95-29	61.92	1330	95	7067	44.6875	38.1875	22.6875	4542		X	D	30	SB6320
F60DSA, F60D	36	18-D55-33	30.73	880	55	6354	38.1875	38.1875	18.1875	2937 *		X	B	30	SB6320
49.1875 x 45.5 x 18.875															
Low Overhead Guard															
Min. Battery Wt. - 3350 lbs.															
F60D, F60DSA	48	24-D55-29	35.85	770	55	7170	44.75	38.25	18.1875	3413		X	D	30	SB6320
49.1875 x 45.5 x 18.875															
Low Overhead Guard															
Min. Battery Wt. - 3350 lbs.															

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	Length (in.)	
F60DSA, F60D 49.1875 x 45.5 x 20.875 Standard Overhead Guard Min. Battery Wt. - 3350 lbs.	36	18-D65-33	36.32	1040	65	6273	38.1875	38.1875	20.0625	3286 *		X	B	30	SB6320
F60D, F60DSA 49.1875 x 45.5 x 20.875 Standard Overhead Guard Min. Battery Wt. - 3350 lbs.	48	24-D65-29	42.37	910	65	7321	44.6875	38.1875	20.0625	3813		X	D	30	SB6320
	48	24-D65-31	45.40	975	65	7120	47.6875	38.1875	20.0625	4129		X	D	30	SB6320
F60DSA, F60D 49.1875 x 45.5 x 24.0625 High Overhead Guard	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320
F60D, F60DSA 49.1875 x 45.5 x 24.0625 High Overhead Guard	48	24-D85-29	55.41	1190	85	7067	44.6875	38.1875	22.6875	4497		X	D	30	SB6320
	48	24-H80-29	52.15	1120	80	7067	44.6875	38.1875	22.6875	4317		X	D	30	SB6320
	48	24-P95-29	61.92	1330	95	7067	44.6875	38.1875	22.6875	4542		X	D	30	SB6320
	48	24-D85-31	59.36	1275	85	7460	44.5625	42.75	22.75	5013		X	D	30	SB6320
	48	24-H80-31	55.87	1200	80	7460	44.5625	42.75	22.75	4812		X	D	30	SB6320
	48	24-P95-31	66.35	1425	95	7460	44.5625	42.75	22.75	5063		X	D	30	SB6320
	48	24-D85-33	63.32	1360	85	7311	44.5625	44.5625	22.75	5230		X	D	30	SB6320
	48	24-H80-33	59.60	1280	80	7311	44.5625	44.5625	22.75	5021		X	D	30	SB6320
ES3000, ES3500 38.5625 x 16.25 x 31.6875	36	18-D125-13	26.19	750	125	6005	37.8125	15.5625	30.5625	2168		X	A	20	SB6320
	36	18-H120-13	25.14	720	120	6005	37.8125	15.5625	30.5625	2146		X	A	20	SB6320
	36	18-P140-13	29.33	840	140	6005	37.8125	15.5625	30.5625	2190		X	A	20	SB6320
ES4000 38.5625 x 21.25 x 31.6875	36	18-D125-17	34.92	1000	125	6069	38.1875	20.0625	30.5625	2834		X	A	20	SB6320
	36	18-H120-17	33.52	960	120	6069	38.1875	20.0625	30.5625	2806		X	A	20	SB6320
	36	18-P140-17	39.11	1120	140	6069	38.1875	20.0625	30.5625	2862		X	A	20	SB6320

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
2EC18, 2EC15, E3000	36	18-D85-15	20.78	595	85	6004	31.9375	23.5625	22.6875	1811		X	B	24	SB6320
E3500, EC15K, EC18K	36	18-H80-15	19.56	560	80	6004	31.9375	23.5625	22.6875	1739		X	B	24	SB6320
EC18KL, EC3000, EC3500	36	18-P95-15	23.22	665	95	6004	31.9375	23.5625	22.6875	1829		X	B	24	SB6320
EC4000	36	18-D85-17	23.75	680	85	6001	33.1875	25.5625	22.6875	2090		X	B	24	SB6320
35.75 x 27.75 x 23.625	36	18-H80-17	22.35	640	80	6001	33.1875	25.5625	22.6875	2006		X	B	24	SB6320
Min. Battery Wt. - 1650 lbs.	36	18-P95-17	26.54	760	95	6001	33.1875	25.5625	22.6875	2111		X	B	24	SB6320
	36	18-D85-19	26.71	765	85	6226	34.9375	25.5625	22.6875	2274		X	B	24	SB6320
	36	18-H80-19	25.14	720	80	6226	34.9375	25.5625	22.6875	2183		X	B	24	SB6320
	36	18-P95-19	29.86	855	95	6226	34.9375	25.5625	22.6875	2297		X	B	24	SB6320
2EC15, 2EC18, E3000	48	24-D85-13	23.75	510	85	7007	30.6875	25.3125	22.6875	2033		X	B	24	SB6320
E3500, EC15K, EC18K	48	24-H80-13	22.35	480	80	7007	30.6875	25.3125	22.6875	1952		X	B	24	SB6320
EC18KL, EC3000, EC3500	48	24-P95-13	26.54	570	95	7007	30.6875	25.3125	22.6875	2053		X	B	24	SB6320
EC4000	48	24-D85-15	27.70	595	85	7049	35.1875	25.5625	22.6875	2332		X	B	24	SB6320
35.75 x 27.75 x 23.625	48	24-H80-15	26.07	560	80	7049	35.1875	25.5625	22.6875	2239		X	B	24	SB6320
Min. Battery Wt. - 1650 lbs.	48	24-P95-15	30.96	665	95	7049	35.1875	25.5625	22.6875	2355		X	B	24	SB6320
2EC20, E20K, E4000, EC20	36	18-D85-21	29.68	850	85	6010	38.1875	24.5625	22.6875	2466		X	B	24	SB6320
EC20K	36	18-H80-21	27.94	800	80	6010	38.1875	24.5625	22.6875	2367		X	B	24	SB6320
39.5 x 30.5 x 23.3125	36	18-P95-21	33.17	950	95	6010	38.1875	24.5625	22.6875	2491		X	B	24	SB6320
Min. Battery Wt. - 2200 lbs.	36	18-D85-23	32.65	935	85	6009	38.1875	26.9375	22.6875	2703		X	B	24	SB6320
	36	18-H80-23	30.73	880	80	6009	38.1875	26.9375	22.6875	2595		X	B	24	SB6320
	36	18-P95-23	36.49	1045	95	6009	38.1875	26.9375	22.6875	2730		X	B	24	SB6320
	36	18-D85-25	35.62	1020	85	6030	38.1875	29.1875	22.6875	2924		X	B	24	SB6320
	36	18-H80-25	33.52	960	80	6030	38.1875	29.1875	22.6875	2807		X	B	24	SB6320
	36	18-P95-25	39.81	1140	95	6030	38.1875	29.1875	22.6875	2953		X	B	24	SB6320
2EC20, E20K, E4000, EC20	48	24-D85-17	31.66	680	85	7002	38.1875	26.6875	22.6875	2695		X	B	24	SB6320
EC20K	48	24-H80-17	29.80	640	80	7002	38.1875	26.6875	22.6875	2587		X	B	24	SB6320
39.5 x 30.5 x 23.3125	48	24-P95-17	35.39	760	95	7002	38.1875	26.6875	22.6875	2722		X	B	24	SB6320
Min. Battery Wt. - 2200 lbs.	48	24-D85-19	35.62	765	85	7003	38.1875	29.6875	22.6875	2984		X	B	24	SB6320
	48	24-H80-19	33.52	720	80	7003	38.1875	29.6875	22.6875	2865		X	B	24	SB6320
	48	24-P95-19	39.81	855	95	7003	38.1875	29.6875	22.6875	3014		X	B	24	SB6320
2EC25, E25K, E5000, EC25	36	18-D85-25	35.62	1020	85	6030	38.1875	29.1875	22.6875	2924		X	B	24	SB6320
EC25K	36	18-H80-25	33.52	960	80	6030	38.1875	29.1875	22.6875	2807		X	B	24	SB6320
39.5 x 30.5 x 23.3125	36	18-P95-25	39.81	1140	95	6030	38.1875	29.1875	22.6875	2953		X	B	24	SB6320
Min. Battery Wt. - 2900 lbs.															

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
2EC25, E25K, E5000, EC25	48	24-D85-19	35.62	765	85	7003	38.1875	29.6875	22.6875	2984		X	B	24	SB6320
EC25K	48	24-H80-19	33.52	720	80	7003	38.1875	29.6875	22.6875	2865		X	B	24	SB6320
39.5 x 30.5 x 23.3125	48	24-P95-19	39.81	855	95	7003	38.1875	29.6875	22.6875	3014		X	B	24	SB6320
Min. Battery Wt. - 2900 lbs.															
2EC30, 25E, 25EC, E5500	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3144		X	B	24	SB6320
E6000, E6500, EC25E	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3018		X	B	24	SB6320
EC25KE, EC25KL, EC30	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3175		X	B	24	SB6320
EC30K, EX5000	36	18-D85-29	41.55	1190	85	6021	38.1875	33.6875	22.6875	3394		X	B	24	SB6320
38.875 x 34.375 x 23.625	36	18-H80-29	39.11	1120	80	6021	38.1875	33.6875	22.6875	3258		X	B	24	SB6320
Min. Battery Wt. - 3100 lbs.	36	18-P95-29	46.44	1330	95	6021	38.1875	33.6875	22.6875	3428		X	B	24	SB6320
25E, 25EC, 2EC30, E5500	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3272		X	B	24	SB6320
E6000, E6500, EC25E	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3141		X	B	24	SB6320
EC25KE, EC25KL, EC30	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3305		X	B	24	SB6320
EC30K, EX5000															
38.875 x 34.375 x 23.625															
Min. Battery Wt. - 3100 lbs.															
EC 15, EC 18	36	18-D85-19	26.71	765	85	6226	34.9375	25.5625	22.6875	2274		X	B	30	SB6320
36.375 x 27.375 x 22.6875	36	18-H80-19	25.14	720	80	6226	34.9375	25.5625	22.6875	2183		X	B	30	SB6320
	36	18-P95-19	29.86	855	95	6226	34.9375	25.5625	22.6875	2297		X	B	30	SB6320
EC 15, EC 18	48	24-D85-15	27.70	595	85	7049	35.1875	25.5625	22.6875	2332		X	B	30	SB6320
36.375 x 27.375 x 22.6875	48	24-H80-15	26.07	560	80	7049	35.1875	25.5625	22.6875	2239		X	B	30	SB6320
	48	24-P95-15	30.96	665	95	7049	35.1875	25.5625	22.6875	2355		X	B	30	SB6320
MC30, M20, M25	36	18-D85-17	23.75	680	85	6013	31.9375	26.6875	22.6875	2112		X	B	30	SB6320
34.5 x 29.25 x 23.75	36	18-H80-17	22.35	640	80	6013	31.9375	26.6875	22.6875	2028		X	B	30	SB6320
M20 Min. Battery Wt. 1500 lbs.	36	18-P95-17	26.54	760	95	6013	31.9375	26.6875	22.6875	2133		X	B	30	SB6320
M25 Min. Battery Wt. 1650 lbs.	36	18-D85-19	26.71	765	85	6328	31.9375	27.6875	22.6875	2282		X	B	30	SB6320
	36	18-H80-19	25.14	720	80	6328	31.9375	27.6875	22.6875	2191		X	B	30	SB6320
	36	18-P95-19	29.86	855	95	6328	31.9375	27.6875	22.6875	2305		X	B	30	SB6320
M20, M25, MC30	48	24-D85-13	23.75	510	85	7007	30.6875	25.3125	22.6875	2033		X	B	30	SB6320
34.5 x 29.25 x 23.75	48	24-H80-13	22.35	480	80	7007	30.6875	25.3125	22.6875	1952		X	B	30	SB6320
M20 Min. Battery Wt. 1500 lbs	48	24-P95-13	26.54	570	95	7007	30.6875	25.3125	22.6875	2053		X	B	30	SB6320
M25 Min. Battery Wt. 1650 lbs.															

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads		Standard Conn.
			6 Hr. Rate KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Length Pos. (in.)		
MC40D, M25D, M30D, M35D	36	18-D85-17	23.75	680	85	6013	31.9375	26.6875	22.6875	2112		X	B	30	SB6320
MC30D	36	18-H80-17	22.35	640	80	6013	31.9375	26.6875	22.6875	2028		X	B	30	SB6320
34.5 x 28 x 24	36	18-P95-17	26.54	760	95	6013	31.9375	26.6875	22.6875	2133		X	B	30	SB6320
M30D Min. Battery Wt 1800 lbs	36	18-D85-19	26.71	765	85	6328	31.9375	27.6875	22.6875	2282		X	B	30	SB6320
M35D Min. Battery Wt 1800 lbs	36	18-H80-19	25.14	720	80	6328	31.9375	27.6875	22.6875	2191		X	B	30	SB6320
MC40D Min. Battery Wt 2000 lbs	36	18-P95-19	29.86	855	95	6328	31.9375	27.6875	22.6875	2305		X	B	30	SB6320
MC40D, M25D, M30D, M35D	48	24-D85-13	23.75	510	85	7007	30.6875	25.3125	22.6875	2033		X	B	30	SB6320
MC30D	48	24-H80-13	22.35	480	80	7007	30.6875	25.3125	22.6875	1952		X	B	30	SB6320
34.5 x 28 x 24	48	24-P95-13	26.54	570	95	7007	30.6875	25.3125	22.6875	2053		X	B	30	SB6320
M30D Min. Battery Wt 1800 lbs.															
M35D Min. Battery Wt 1800 lbs.															
MC40D Min. Battery Wt 2000 lbs															
M40, M40B, M40D, M40DSA	36	18-D85-23	32.65	935	85	6009	38.1875	26.9375	22.6875	2703		X	B	30	SB6320
40.125 x 30.5 x 23.5625	36	18-H80-23	30.73	880	80	6009	38.1875	26.9375	22.6875	2595		X	B	30	SB6320
	36	18-P95-23	36.49	1045	95	6009	38.1875	26.9375	22.6875	2730		X	B	30	SB6320
	36	18-D85-25	35.62	1020	85	6030	38.1875	29.1875	22.6875	2924		X	B	30	SB6320
	36	18-H80-25	33.52	960	80	6030	38.1875	29.1875	22.6875	2807		X	B	30	SB6320
	36	18-P95-25	39.81	1140	95	6030	38.1875	29.1875	22.6875	2953		X	B	30	SB6320
M40, M40B, M40D, M40DSA	48	24-D85-17	31.66	680	85	7002	38.1875	26.6875	22.6875	2695		X	B	30	SB6320
40.125 x 30.5 x 23.5625	48	24-H80-17	29.80	640	80	7002	38.1875	26.6875	22.6875	2587		X	B	30	SB6320
	48	24-P95-17	35.39	760	95	7002	38.1875	26.6875	22.6875	2722		X	B	30	SB6320
	48	24-D85-19	35.62	765	85	7003	38.1875	29.6875	22.6875	2984		X	B	30	SB6320
	48	24-H80-19	33.52	720	80	7003	38.1875	29.6875	22.6875	2865		X	B	30	SB6320
	48	24-P95-19	39.81	855	95	7003	38.1875	29.6875	22.6875	3014		X	B	30	SB6320
M50, M50D, M50DSA	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3144		X	B	30	SB6320
40.125 x 33.25 x 23.5625	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3018		X	B	30	SB6320
	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3175		X	B	30	SB6320
M50B	36	18-D85-27	38.59	1105	85	6026	38.1875	31.4375	22.6875	3144		X	B	30	SB6320
40.75 x 33.25 x 23.25	36	18-H80-27	36.32	1040	80	6026	38.1875	31.4375	22.6875	3018		X	B	30	SB6320
	36	18-P95-27	43.13	1235	95	6026	38.1875	31.4375	22.6875	3175		X	B	30	SB6320

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
M60D, M60DSA, MC60B	48	24-D85-19	35.62	765	85	7003	38.1875	29.6875	22.6875	2984		X	B	30	SB6320
MC60D	48	24-H80-19	33.52	720	80	7003	38.1875	29.6875	22.6875	2865		X	B	30	SB6320
40.75 x 34.375 x 23.5625	48	24-P95-19	39.81	855	95	7003	38.1875	29.6875	22.6875	3014		X	B	30	SB6320
	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3272		X	B	30	SB6320
	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3141		X	B	30	SB6320
	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3305		X	B	30	SB6320
M60B	48	24-D85-21	39.58	850	85	7004	38.1875	32.6875	22.6875	3272		X	B	30	SB6320
43 x 35.25 x 24.4375	48	24-H80-21	37.25	800	80	7004	38.1875	32.6875	22.6875	3141		X	B	30	SB6320
	48	24-P95-21	44.23	950	95	7004	38.1875	32.6875	22.6875	3305		X	B	30	SB6320
M80B, M70B, M70D, M80D	36	18-D85-33	47.49	1360	85	6B05	38.1875	38.8125	22.9375	4064		X	B	30	SB6320
43 x 39.5 x 24.375	36	18-H80-33	44.70	1280	80	6B05	38.1875	38.8125	22.9375	3901		X	B	30	SB6320
Min. Battery Wt. - 4000 lbs.	36	18-P95-33	53.08	1520	95	6B05	38.1875	38.8125	22.9375	4105		X	B	30	SB6320
M70B, M70D, M80B, M80D	48	24-D85-27	51.45	1105	85	7085	41.6875	38.1875	22.6875	4097		X	B	30	SB6320
43 x 39.5 x 24.375	48	24-H80-27	48.42	1040	80	7085	41.6875	38.1875	22.6875	3933		X	B	30	SB6320
	48	24-P95-27	57.50	1235	95	7085	41.6875	38.1875	22.6875	4138		X	B	30	SB6320
M50B, M50DSA Low Profile	36	18-D65-29	31.78	910	65	6678	38.1875	33.6875	20.0625	2864		X	B	30	SB6320
40.75 x 36.375 x 21.1875															
M50B, M50DSA Low Profile	48	24-D65-21	30.26	650	65	7141	38.1875	32.6875	20.0625	2785		X	B	30	SB6320
40.75 x 36.375 x 21.1875															
M100B	36	18-D85-33	47.49	1360	85	6C66	38.875	38.875	22.6875	4250		X	B	30	SB6320
43 x 40.75 x 24.375	36	18-H80-33	44.70	1280	80	6C66	38.875	38.875	22.6875	4080		X	B	30	SB6320
Min. Battery Wt. - 4200 lbs.	36	18-P95-33	53.08	1520	95	6C66	38.875	38.875	22.6875	4293		X	B	30	SB6320
M100B	48	24-D85-27	51.45	1105	85	7667	41.75	38.25	22.6875	4238		X	B	30	SB6320
43 x 40.75 x 24.375	48	24-H80-27	48.42	1040	80	7667	41.75	38.25	22.6875	4068		X	B	30	SB6320
Min. Battery Wt. - 4200 lbs.	48	24-P95-27	57.50	1235	95	7667	41.75	38.25	22.6875	4280		X	B	30	SB6320
M70D	36	18-D85-31	44.52	1275	85	6164	38.1875	35.9375	22.6875	3619		X	B	30	SB6320
43.3125 x 40.5625 x 24	36	18-H80-31	41.90	1200	80	6164	38.1875	35.9375	22.6875	3474		X	B	30	SB6320
Min. Battery Wt. - 3400 lbs.	36	18-P95-31	49.76	1425	95	6164	38.1875	35.9375	22.6875	3655		X	B	30	SB6320

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.	
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)		
M70D	48	24-D85-25	47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	B	30	SB6320	
43.3125 x 40.5625 x 24	48	24-H80-25	44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	B	30	SB6320	
Min. Battery Wt. - 3400 lbs.	48	24-P95-25	53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	B	30	SB6320	
M80D	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	
43.3125 x 40.5625 x 24	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	
Min. Battery Wt. - 3600 lbs.	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	
M80D	48	24-D85-25	47.49	1020	85	7005	38.6875	38.1875	22.6875	3862		X	B	30	SB6320	
43.3125 x 40.5625 x 24	48	24-H80-25	44.70	960	80	7005	38.6875	38.1875	22.6875	3708		X	B	30	SB6320	
Min. Battery Wt. - 3600 lbs.	48	24-P95-25	53.08	1140	95	7005	38.6875	38.1875	22.6875	3901		X	B	30	SB6320	
M100D	36	18-D85-33	sp	47.49	1360	85	6B05	38.1875	38.8125	22.9375	4064		X	B	30	SB6320
43.3125 x 40.5625 x 24	36	18-H80-33	sp	44.70	1280	80	6B05	38.1875	38.8125	22.9375	3901		X	B	30	SB6320
Min. Battery Wt. - 3800 lbs.	36	18-P95-33	sp	53.08	1520	95	6B05	38.1875	38.8125	22.9375	4105		X	B	30	SB6320
M100D	48	24-D85-25	sp	47.49	1020	85	7308	39	38.5	22.8125	4059		X	B	30	SB6320
43.3125 x 40.5625 x 24	48	24-H80-25	sp	44.70	960	80	7308	39	38.5	22.8125	3897		X	B	30	SB6320
Min. Battery Wt. - 3800 lbs.	48	24-P95-25	sp	53.08	1140	95	7308	39	38.5	22.8125	4100		X	B	30	SB6320
M120D	36	18-D85-33	sp	47.49	1360	85	6B05	38.1875	38.8125	22.9375	4064		X	B	30	SB6320
43.3125 x 40.5625 x 24	36	18-H80-33	sp	44.70	1280	80	6B05	38.1875	38.8125	22.9375	3901		X	B	30	SB6320
Min. Battery Wt. - 4000 lbs.	36	18-P95-33	sp	53.08	1520	95	6B05	38.1875	38.8125	22.9375	4105		X	B	30	SB6320
M120D	48	24-D85-27		51.45	1105	85	7085	41.6875	38.1875	22.6875	4097		X	B	30	SB6320
43.3125 x 40.5625 x 24	48	24-H80-27		48.42	1040	80	7085	41.6875	38.1875	22.6875	3933		X	B	30	SB6320
Min. Battery Wt. - 4000 lbs.	48	24-P95-27		57.50	1235	95	7085	41.6875	38.1875	22.6875	4138		X	B	30	SB6320
E10000, E7000, E8000	36	18-D85-33		47.49	1360	85	6818	40	40	22.6875	3766		X	B	30	SB6320
46.125 x 40.625 x 24.3125	36	18-D85-33		47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320
	36	18-H80-33		44.70	1280	80	6818	40	40	22.6875	3615		X	B	30	SB6320
	36	18-H80-33		44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320
	36	18-P95-33		53.08	1520	95	6818	40	40	22.6875	3804		X	B	30	SB6320
	36	18-P95-33		53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320
	36	36-D85-19	**	53.43	1530	85	8008	44.1875	38.1875	22.6875	4422		X	B	30	SB6320
	36	36-H80-19	**	50.28	1530	80	8008	44.1875	38.1875	22.6875	4245		X	B	30	SB6320
	36	36-P95-19	**	59.71	1530	95	8008	44.1875	38.1875	22.6875	4466		X	B	30	SB6320

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.	
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)		
E10000, E7000, E8000 46.125 x 40.625 x 24.3125	48	24-D85-29	55.41	1190	85	7067	44.6875	38.1875	22.6875	4497		X	B	30	SB6320	
	48	24-H80-29	52.15	1120	80	7067	44.6875	38.1875	22.6875	4317		X	B	30	SB6320	
	48	24-P95-29	61.92	1330	95	7067	44.6875	38.1875	22.6875	4542		X	B	30	SB6320	
E12000 46.125 x 40.625 x 24.3125	36	18-D85-33	47.49	1360	85	6818	40	40	22.6875	3766		X	B	30	SB6320	
	36	18-D85-33	47.49	1360	85	6065	38.1875	38.1875	22.6875	3887		X	B	30	SB6320	
	36	18-H80-33	44.70	1280	80	6818	40	40	22.6875	3615		X	B	30	SB6320	
	36	18-H80-33	44.70	1280	80	6065	38.1875	38.1875	22.6875	3732		X	B	30	SB6320	
	36	18-P95-33	53.08	1520	95	6818	40	40	22.6875	3804		X	B	30	SB6320	
	36	18-P95-33	53.08	1520	95	6065	38.1875	38.1875	22.6875	3926		X	B	30	SB6320	
	36	36-D85-19	**	53.43	1530	85	8008	44.1875	38.1875	22.6875	4422		X	B	30	SB6320
	36	36-H80-19	**	50.28	1530	80	8008	44.1875	38.1875	22.6875	4245		X	B	30	SB6320
	36	36-P95-19	**	59.71	1530	95	8008	44.1875	38.1875	22.6875	4466		X	B	30	SB6320
E12000 46.125 x 40.625 x 24.3125	48	24-D85-29	55.41	1190	85	7067	44.6875	38.1875	22.6875	4497		X	B	30	SB6320	
	48	24-H80-29	52.15	1120	80	7067	44.6875	38.1875	22.6875	4317		X	B	30	SB6320	
	48	24-P95-29	61.92	1330	95	7067	44.6875	38.1875	22.6875	4542		X	B	30	SB6320	
EC25KS 39 x 23.75 x 32.3125	36	18-D125-19	39.29	1125	125	6089	38.1875	22.3125	30.5625	3106		X	B	13	SB6320	
	36	18-H120-19	37.71	1080	120	6089	38.1875	22.3125	30.5625	3075		X	B	13	SB6320	
	36	18-P140-19	44.00	1260	140	6089	38.1875	22.3125	30.5625	3137		X	B	13	SB6320	
EFG110K 32.6875 x 10.75 x 24.6875	24	12-D85-11	9.89	425	85	3811	31.875	10.75	22.5625	838		X	B	16	EBC160	
	24	12-H80-11	9.31	400	80	3811	31.875	10.75	22.5625	804		X	B	16	EBC160	
	24	12-P95-11	11.06	475	95	3811	31.875	10.75	22.5625	846		X	B	16	EBC160	
EFG110 32.6875 x 12.875 x 24.6875	24	12-D85-13	11.87	510	85	3082	30.5625	12.75	22.625	1025		X	B	16	EBC160	
	24	12-H80-13	11.17	480	80	3082	30.5625	12.75	22.625	984		X	B	16	EBC160	
	24	12-P95-13	13.27	570	95	3082	30.5625	12.75	22.625	1035		X	B	16	EBC160	
EFG113 32.6875 x 17.125 x 24.6875	24	12-D85-13	11.87	510	85	3812	30.5625	14.3125	22.625	1272		X	B	16	EBC160	
	24	12-H80-13	11.17	480	80	3812	30.5625	14.3125	22.625	1221		X	B	16	EBC160	
	24	12-P95-13	13.27	570	95	3812	30.5625	14.3125	22.625	1285		X	B	16	EBC160	
EFG115 32.6875 x 19.25 x 24.6875	24	12-D85-21	19.79	850	85	3078	32.5625	19.1875	22.625	1638		X	B	16	EBC160	
	24	12-H80-21	18.62	800	80	3078	32.5625	19.1875	22.625	1572		X	B	16	EBC160	
	24	12-P95-21	22.12	950	95	3078	32.5625	19.1875	22.625	1654		X	B	16	EBC160	

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COUNTERBALANCED RIDERS (continued)

Truck Model and Maximum Battery Size (Inches)	Volt	Battery Type	Capacity 6 Hr. Rate		AH/ Pos. Plate	IST Tray No.	Battery Dimensions (in.)			Approx. Serv. Wt. (lbs.)	Cover		Leads Length		Standard Conn.
			KWH	A.H.			Length X	Width Y	Height Z		Yes	No	Pos.	(in.)	
EFG213, EFG215 32.6875 x 20.5625 x 24.6875	48	24-D85-9	15.83	340	85	7651	31.5	19.5	22.625	1489		X	A	16	EBC320
	48	24-H80-9	14.90	320	80	7651	31.5	19.5	22.625	1429		X	A	16	EBC320
	48	24-P95-9	17.69	380	95	7651	31.5	19.5	22.625	1504		X	A	16	EBC320
EFG216K, EFG218K EFG316K, EFG318K 32.6875 x 24.8125 x 24.6875	48	24-D85-11	19.79	425	85	7444	31.5	22.3125	22.625	1821		X	A	16	EBC320
	48	24-H80-11	18.62	400	80	7444	31.5	22.3125	22.625	1748		X	A	16	EBC320
	48	24-P95-11	22.12	475	95	7444	31.5	22.3125	22.625	1839		X	A	16	EBC320
EFG216, EFG218, EFG220 EFG316, EFG318, EFG320 32.6875 x 29.0625 x 24.6875	48	24-D85-13	23.75	510	85	7442	32	27.75	22.6875	2224		X	A	16	EBC320
	48	24-H80-13	22.35	480	80	7442	32	27.75	22.6875	2135		X	A	16	EBC320
	48	24-P95-13	26.54	570	95	7442	32	27.75	22.6875	2246		X	A	16	EBC320
EFG425K, EFG425KS 40.5 x 27.9375 x 30.875	80	40-D125-9	38.80	500	125	9185	39.75	26.75	30.5625	3447		X	A	16	EBC320
	80	40-H120-9	37.25	480	120	9185	39.75	26.75	30.5625	3413		X	A	16	EBC320
	80	40-P140-9	43.46	560	140	9185	39.75	26.75	30.5625	3481		X	A	16	EBC320
EFG425, EFG425S, EFG430 EFG535 40.5 x 33.6875 x 30.875	80	40-D125-11	48.50	625	125	9203	39.5	33	30.5625	4154		X	A	16	EBC320
	80	40-H120-11	46.56	600	120	9203	39.5	33	30.5625	4112		X	A	16	EBC320
	80	40-P140-11	54.32	700	140	9203	39.5	33	30.5625	4196		X	A	16	EBC320
EFG540, EFG545, EFG550 40.5 x 39.375 x 30.875	80	40-D125-13	58.20	750	125	9208	40	39	30.75	4884		X	A	16	EBC320
	80	40-H120-13	55.87	720	120	9208	40	39	30.75	4835		X	A	16	EBC320
	80	40-P140-13	65.18	840	140	9208	40	39	30.75	4933		X	A	16	EBC320
EFG D30 40.4375 x 39.25 x 21.1875	80	40-D65-13	30.26	390	65	9285	39	38.1875	20.0625	3257		X	A	16	EBC320
EPC5000 40.5 x 28 x 50.9375	80	40-D125-9	38.80	500	125	9384	40	27.5	30.5625	3357		X	A	16	SB6320
	80	40-H120-9	37.25	480	120	9384	40	27.5	30.5625	3323		X	A	16	SB6320
	80	40-P140-9	43.46	560	140	9384	40	27.5	30.5625	3391		X	A	16	SB6320

sp - Special tray IST7501 includes steel plates for minimum weight requirement. Consult factory for price and weight variance.

* Must use auxilliary counterweight in compartment.

sp - Special tray IST6B05 includes steel plates for minimum weight requirement. Consult factory for price and weight variance.

sp - Special tray IST7308 includes steel plates for minimum weight requirement. Consult factory for price and weight variance.

** Two (2) 18 cell batteries in one tray wired parallel. Consult factory before quoting.

H - Designates (H-Series battery type), Hydrasaver Product - Extended Watering Series.

DISCLAIMER: When battery is installed in truck, battery restraints should be adjusted to prohibit movement of the battery to no more than 1/2" in a horizontal direction. Battery dimensions are $\pm 1/16"$. Battery weights may vary $\pm 5\%$. Counterweight must be added if the service weight stamped on

the battery is less than the minimum weight required on that particular model truck. The information is subject to change upon notice from equipment manufacturers or field experience. East Penn expressly denies any responsibility for the accuracy of this information. While East Penn has and continues to

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Batteries listed are also available in the Max Power "P" Line which is a 10% increase of ampere hour capacity over the standard "D" Line. Refer to Table #2 of Selector Guide for "D" series to Max Power series cross reference table.

EAST PENN manufacturing co., inc.

Lyon Station, PA 19536-0147 • Phone: 610-682-6361 • Fax: 610-682-4212
www.dekabatteries.com • e-mail: epmmotve@eastpenn-deka.com

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