



WORKHORSE SERIES 3 INDUSTRIAL BATTERY CHARGERS

The Power of Excellence

PRODUCT: WorkHorse Series 3 - Three Shift Battery Charger (Three (3) phase)

APPLICATION: Heavy duty, three shift operation, 100% depleted battery fully recharged in 8 hours or less.

→ SPECIFICATIONS

Three(3)Phase

Model	Cell (voltage)	Battery Amp Hour Range	Phase	DC Output Current	Input Current:				Output Cable (ga. AWG)	Weight Lbs. (kg.)
					B 208 VAC Input Voltage	C 240 VAC Input Voltage	D 480 VAC Input Voltage	E 575 VAC Input Voltage		
06 Y 0380 X 3*	6 (12V)	261-380	3	67	4	4	2	-	2	200 (90)
06 Y 0475 X 3*	6 (12V)	381-475	3	83	5	4	2	-	2	205 (93)
06 Y 0600 X 3*	6 (12V)	476-600	3	105	7	6	3	-	1/0	205 (93)
06 Y 0750 X 3*	6 (12V)	601-750	3	131	8	7	3	-	1/0	205 (93)
06 Y 0865 X 3*	6 (12V)	751-865	3	151	9	8	4	-	1/0	225 (102)
06 Y 0965 X 3*	6 (12V)	866-965	3	169	10	9	4	-	1/0	228 (103)
06 Y 1050 X 3*	6 (12V)	966-1050	3	184	11	9	5	-	1/0	275 (124)
06 Y 1200 X 3*	6 (12V)	1051-1200	3	210	12	11	5	-	2/0	300 (136)
06 Y 1450 X 3*	6 (12V)	1201-1450	3	254	14	12	6	-	2/0	300 (136)
09 Y 1050 X 3*	9 (18V)	966-1050	3	184	15	14	7	-	1/0	285 (130)
09 Y 1200 X 3*	9 (18V)	1051-1200	3	210	18	16	8	-	2/0	308 (139)
09 Y 1450 X 3*	9 (18V)	1201-1450	3	254	21	18	9	-	2/0	325 (147)
12 Y 0260 X 3*	12 (24V)	181-260	3	47	5	4	2	-	2	205 (93)
12 Y 0380 X 3*	12 (24V)	261-380	3	67	8	7	3	-	2	212 (96)
12 Y 0380 X 9*	12 (24V)	261-380	3	67	-	7	3	3	2	212 (96)
12 Y 0475 X 3*	12 (24V)	381-475	3	83	10	8	4	-	2	220 (100)
12 Y 0475 X 9*	12 (24V)	381-475	3	83	-	8	4	4	2	220 (100)
12 Y 0540 X 3*	12 (24V)	476-540	3	97	11	9	5	-	1/0	223 (101)
12 Y 0540 X 9*	12 (24V)	476-540	3	97	-	9	5	4	1/0	223 (101)
12 Y 0600 X 3*	12 (24V)	541-600	3	105	12	11	5	-	1/0	223 (101)
12 Y 0600 X 9*	12 (24V)	541-600	3	105	-	11	5	4	1/0	223 (101)
12 Y 0680 X 3*	12 (24V)	601-680	3	131	14	12	6	-	1/0	232 (105)
12 Y 0680 X 9*	12 (24V)	601-680	3	131	-	12	6	5	1/0	232 (105)
12 Y 0750 X 3*	12 (24V)	681-750	3	131	14	12	6	-	1/0	232 (105)
12 Y 0750 X 9*	12 (24V)	681-750	3	131	-	12	6	5	1/0	232 (105)
12 Y 0865 X 3*	12 (24V)	751-865	3	151	17	15	7	-	1/0	268 (121)
12 Y 0865 X 9*	12 (24V)	751-865	3	151	-	15	7	6	1/0	268 (121)
12 Y 0965 X 3*	12 (24V)	866-965	3	169	19	16	8	-	1/0	290 (131)
12 Y 0965 X 9*	12 (24V)	866-965	3	169	-	16	8	7	1/0	290 (131)
12 Y 1050 X 3*	12 (24V)	966-1050	3	184	21	18	9	-	1/0	295 (133)
12 Y 1050 X 9*	12 (24V)	966-1050	3	184	-	18	9	8	1/0	295 (133)
12 Y 1200 X 3*	12 (24V)	1051-1200	3	210	23	20	10	-	2/0	315 (143)
12 Y 1450 X 3*	12 (24V)	1201-1450	3	254	27	23	12	-	2/0	375 (170)

WorkHorse - Series 3 (3ph) - Specifications Continued

Model	Cell (voltage)	Battery Amp Hour Range	Phase	DC Output Current	Input Current:				Output Cable (ga. AWG)	Weight Lbs. (kg.)
					B 208 VAC Input Voltage	C 240 VAC Input Voltage	D 480 VAC Input Voltage	E 575 VAC Input Voltage		
18 Y 0380 X 3*	18 (36V)	261-380	3	67	11	10	5	-	2	235 (106)
18 Y 0380 X 9*	18 (36V)	261-380	3	67	-	10	5	4	2	235 (106)
18 Y 0475 X 3*	18 (36V)	381-475	3	83	14	12	6	-	2	243 (110)
18 Y 0475 X 9*	18 (36V)	381-475	3	83	-	12	6	4	2	243 (110)
18 Y 0540 X 3*	18 (36V)	476-540	3	97	15	14	7	-	1/0	268 (121)
18 Y 0540 X 9*	18 (36V)	476-540	3	97	-	14	7	6	1/0	268 (121)
18 Y 0600 X 3*	18 (36V)	451-600	3	105	18	16	8	-	1/0	273 (124)
18 Y 0600 X 9*	18 (36V)	451-600	3	105	-	16	8	6	1/0	273 (124)
18 Y 0680 X 3*	18 (36V)	601-680	3	131	21	18	9	-	1/0	292 (132)
18 Y 0680 X 9*	18 (36V)	601-680	3	131	-	18	9	6	1/0	292 (132)
18 Y 0750 X 3*	18 (36V)	681-750	3	131	21	18	9	-	1/0	292 (132)
18 Y 0750 X 9*	18 (36V)	681-750	3	131	-	18	9	6	1/0	292 (132)
18 Y 0865 X 3*	18 (36V)	751-865	3	151	25	22	11	-	1/0	293 (133)
18 Y 0865 X 9*	18 (36V)	751-865	3	151	-	22	11	9	1/0	293 (133)
18 Y 0965 X 3*	18 (36V)	866-965	3	169	27	24	12	-	1/0	317 (143)
18 Y 0965 X 9*	18 (36V)	866-965	3	169	-	24	12	10	1/0	317 (143)
18 Y 1050 X 3*	18 (36V)	966-1050	3	184	30	25	13	-	1/0	321 (145)
18 Y 1050 X 9*	18 (36V)	966-1050	3	184	-	25	13	11	1/0	321 (145)
18 Y 1200 X 3*	18 (36V)	1051-1200	3	210	34	29	15	-	2/0	381 (172)
18 Y 1200 X 9*	18 (36V)	1051-1200	3	210	-	31	16	13	2/0	381 (172)
18 Y 1450 X 3*	18 (36V)	1201-1450	3	254	39	34	17	-	2/0	387 (175)
18 Y 1450 X 9*	18 (36V)	1201-1450	3	254	-	37	19	15	2/0	387 (175)
18 Y 1600 X 3*	18 (36V)	1451-1600	3	288	42	37	18	-	2/0	410 (186)
18 Y 1750 X 3*	18 (36V)	1601-1750	3	315	47	40	20	-	2/0	435 (197)
24 Y 0475 X 3*	24 (48V)	381-475	3	83	18	16	8	-	2	251 (114)
24 Y 0475 X 9*	24 (48V)	381-475	3	83	-	16	8	6	2	251 (114)
24 Y 0600 X 3*	24 (48V)	476-600	3	105	24	21	10	-	1/0	272 (123)
24 Y 0600 X 9*	24 (48V)	476-600	3	105	-	21	10	8	1/0	272 (123)
24 Y 0750 X 3*	24 (48V)	601-750	3	131	28	24	12	-	1/0	303 (137)
24 Y 0750 X 9*	24 (48V)	601-750	3	131	-	24	12	10	1/0	303 (137)
24 Y 0865 X 3*	24 (48V)	751-865	3	151	33	29	14	-	1/0	345 (156)
24 Y 0865 X 9*	24 (48V)	751-865	3	151	-	29	14	12	1/0	345 (156)
24 Y 0965 X 3*	24 (48V)	866-965	3	169	36	32	16	-	1/0	367 (166)
24 Y 0965 X 9*	24 (48V)	866-965	3	169	-	32	16	13	1/0	367 (166)
24 Y 1050 X 3*	24 (48V)	966-1050	3	184	40	35	17	-	1/0	373 (169)
24 Y 1050 X 9*	24 (48V)	966-1050	3	184	-	35	17	14	1/0	373 (169)
24 Y 1200 X 3*	24 (48V)	1051-1200	3	210	46	39	20	-	2/0	403 (182)
24 Y 1200 X 9*	24 (48V)	1051-1200	3	210	-	36	18	15	2/0	403 (182)
24 Y 1450 X 3*	24 (48V)	1201-1450	3	254	52	45	22	-	2/0	410 (186)
24 Y 1450 X 9*	24 (48V)	1201-1450	3	254	-	43	22	18	2/0	410 (186)

WorkHorse - Series 3 (3 ph) - Specifications Continued

Model	Cell (voltage)	Battery Amp Hour Range	Phase	DC Output Current	Input Current:				Output Cable (ga. AWG)	Weight Lbs. (kg.)
					B 208 VAC Input Voltage	C 240 VAC Input Voltage	D 480 VAC Input Voltage	E 575 VAC Input Voltage		
36 Y 0260 X 3*	36 (72V)	181-260	3	46	14	12	6	-	2	273 (124)
36 Y 0380 X 3*	36 (72V)	261-380	3	67	23	20	10	-	2	281 (127)
36 Y 0475 X 3*	36 (72V)	381-475	3	83	28	24	12	-	2	298 (135)
36 Y 0600 X 3*	36 (72V)	451-600	3	105	36	31	16	-	1/0	379 (171)
36 Y 0750 X 3*	36 (72V)	601-750	3	131	41	36	18	-	1/0	382 (173)
36 Y 0865 X 3*	36 (72V)	751-865	3	151	50	43	22	-	1/0	389 (176)
36 Y 0965 X 3*	36 (72V)	866-965	3	169	55	47	24	-	1/0	393 (178)
40 Y 0180 X 3*	40 (80V)	0-180	3	32	10	9	4	-	2	338 (153)
40 Y 0475 X 3*	40 (80V)	381-475	3	86	27	24	12	-	2	350 (158)
40 Y 0475 X 9*	40 (80V)	381-475	3	86	-	24	12	10	2	350 (158)
40 Y 0540 X 3*	40 (80V)	476-540	3	97	31	27	13	-	1/0	369 (167)
40 Y 0540 X 9*	40 (80V)	476-540	3	97	-	27	13	11	1/0	369 (167)
40 Y 0600 X 3*	40 (80V)	451-600	3	108	34	29	14	-	1/0	370 (167)
40 Y 0600 X 9*	40 (80V)	451-600	3	108	-	30	15	13	1/0	370 (167)
40 Y 0750 X 3*	40 (80V)	601-750	3	135	43	37	19	-	1/0	380 (172)
40 Y 0750 X 9*	40 (80V)	601-750	3	135	-	37	19	16	1/0	380 (172)

Shipping: F.O.B. Caledonia, NY, price includes freight to first U.S. destination (excluding AK & HI). Please consult Applied Energy Solutions for any additional requirements.

* = indicates incoming VAC: (B=208, C=240, D=480, E=575)

 **Similar Products**

Application	Product
Cold storage or sealed batteries - heavy duty, three shift operation.	Steed
Opportunity charging	QuarterHorse
1 charger to charge multiple batteries with different cell and amp hour ratings	Maverick MultiPro Charger

- > Supplied with a 10 ft. DC output cable and output connector.
- > Dimensions: **X** Cabinet = 29" width X 23" depth X 29" height
- > Please refer to Warranty Certificates for warranty information.
- > UL listed & CSA certified.
- > Applied Energy Solutions is an ISO 9001 Registered U.S. Manufacturer.

