



# WORKHORSE - Series 3

INDUSTRIAL BATTERY CHARGERS

*The Power of Excellence*

**PRODUCT:** WorkHorse Series 3 - Three Shift Battery Charger (Single (1) phase)

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

**→ SPECIFICATIONS**

**Single (1) Phase**


Model	Cell (voltage)	Battery Amp Hour Range	Phase	DC Output Current	Input Current:					Output Cable (ga. AWG)	Weight Lbs. (kg.)
					A 120 VAC Input Voltage	B 208 VAC Input Voltage	C 240 VAC Input Voltage	D 480 VAC Input Voltage	E 575 VAC Input Voltage		
06 Y 0180 W 1*	6 (12V)	120-180	1	32	6	-	3	-	-	2	112 (51)
06 Y 0180 W 2*	6 (12V)	120-180	1	32	-	4	3	2	-	2	112 (51)
06 Y 0260 W 1*	6 (12V)	181-260	1	46	8	-	4	-	-	2	116 (52)
06 Y 0260 W 2*	6 (12V)	181-260	1	46	-	5	4	2	-	2	116 (52)
06 Y 0260 W 8*	6 (12V)	181-260	1	47	-	-	4	2	2	2	116 (52)
06 Y 0380 W 1*	6 (12V)	261-380	1	67	13	-	6	-	-	2	125 (57)
06 Y 0380 W 2*	6 (12V)	261-380	1	67	-	7	6	3	-	2	125 (57)
06 Y 0380 W 8*	6 (12V)	261-380	1	68	-	-	6	3	2	2	125 (57)
06 Y 0475 W 1*	6 (12V)	381-475	1	83	16	-	8	-	-	2	127 (57)
06 Y 0475 W 2*	6 (12V)	381-475	1	83	-	9	8	4	-	2	127 (57)
06 Y 0600 W 1*	6 (12V)	476-600	1	105	18	-	10	-	-	1/0	153 (69)
06 Y 0600 W 2*	6 (12V)	476-600	1	105	-	12	10	5	-	1/0	153 (69)
06 Y 0600 W 8*	6 (12V)	476-600	1	105	-	-	10	5	4	1/0	153 (69)
06 Y 0750 W 2*	6 (12V)	601-750	1	131	-	14	12	6	-	1/0	155 (70)
06 Y 0750 W 8*	6 (12V)	601-750	1	131	-	-	12	6	5	1/0	155 (70)
06 Y 0865 W 2*	6 (12V)	751-865	1	151	-	16	14	7	-	1/0	158 (71)
06 Y 0865 W 8*	6 (12V)	751-865	1	151	-	-	14	7	6	1/0	158 (71)
09 Y 0380 W 2*	9 (18V)	261-380	1	67	-	11	9	5	-	2	140 (63)
09 Y 0475 W 2*	9 (18V)	381-475	1	83	-	13	12	6	-	2	143 (65)
09 Y 0600 W 2*	9 (18V)	476-600	1	105	-	17	15	8	-	1/0	157 (71)
09 Y 0750 W 2*	9 (18V)	601-750	1	131	-	20	17	9	-	1/0	162 (73)
09 Y 0865 W 2*	9 (18V)	751-865	1	151	-	24	21	10	-	1/0	167 (76)
09 Y 0965 W 2*	9 (18V)	866-965	1	169	-	26	23	11	-	1/0	170 (77)
12 Y 0180 W 1*	12 (24V)	120-180	1	32	13	-	7	-	-	2	126 (57)
12 Y 0180 W 2*	12 (24V)	120-180	1	32	-	8	7	4	-	2	126 (57)
12 Y 0260 W 1*	12 (24V)	181-260	1	46	15	-	8	-	-	2	128 (58)
12 Y 0260 W 2*	12 (24V)	181-260	1	46	-	9	8	4	-	2	128 (58)
12 Y 0380 W 1*	12 (24V)	261-380	1	67	25	-	12	-	-	2	155 (70)
12 Y 0380 W 2*	12 (24V)	261-380	1	67	-	14	12	6	-	2	155 (70)
12 Y 0380 W 8*	12 (24V)	261-380	1	67	-	-	12	6	5	2	155 (70)

~ Not UL Listed or CSA Certified

Model	Cell (voltage)	Battery Amp Hour Range	Phase	DC Output Current	Input Current:					Output Cable (ga. AWG)	Weight Lbs. (kg.)
					A 120 vac Input Voltage	B 208 vac Input Voltage	C 240 vac Input Voltage	D 480 vac Input Voltage	E 575 vac Input Voltage		
12 Y 0475 W 1*	12 (24V)	381-475	1	83	30	-	15	-	-	2	158 (71)
12 Y 0475 W 2*	12 (24V)	381-475	1	83	-	17	15	8	-	2	158 (71)
12 Y 0475 W 8*	12 (24V)	381-475	1	83	-	-	15	8	6	2	158 (71)
12 Y 0540 W 2*	12 (24V)	476-540	1	97	-	18	16	8	-	1/0	161 (73)
12 Y 0540 W 8*	12 (24V)	476-540	1	97	-	-	16	8	7	1/0	161 (73)
12 Y 0600 W 2*	12 (24V)	541-600	1	105	-	23	20	10	-	1/0	169 (76)
12 Y 0600 W 8*	12 (24V)	541-600	1	105	-	-	20	10	7	1/0	169 (76)
12 Y 0680 W 2*	12 (24V)	601-680	1	131	-	26	22	12	-	1/0	175 (79)
12 Y 0680 W 8*	12 (24V)	601-680	1	131	-	-	22	12	9	1/0	175 (79)
12 Y 0750 W 2*	12 (24V)	681-750	1	131	-	26	22	12	-	1/0	175 (79)
12 Y 0750 W 8*	12 (24V)	681-750	1	131	-	-	22	12	9	1/0	175 (79)
12 Y 0865 W 2*	12 (24V)	751-865	1	151	-	31	27	14	-	1/0	182 (82)
12 Y 0865 W 8*	12 (24V)	751-865	1	151	-	-	27	14	10	1/0	182 (82)
12 Y 0965 W2*	12 (24V)	866-965	1	169	-	34	30	15	12~	1/0	188 (85)
18 Y 0260 W 1*	18 (36V)	181-260	1	47	22	-	11	-	-	2	129 (58)
18 Y 0260 W 2*	18 (36V)	181-260	1	47	-	13	11	5	-	2	129 (58)
18 Y 0380 W 2*	18 (36V)	261-380	1	67	-	21	18	9	-	2	132 (60)
18 Y 0380 W 8*	18 (36V)	261-380	1	67	-	-	18	9	7	2	132 (60)
18 Y 0475 W 2*	18 (36V)	381-475	1	83	-	25	22	11	-	2	174 (79)
18 Y 0475 W 8*	18 (36V)	381-475	1	83	-	-	22	11	9	2	174 (79)
18 Y 0540 W 2*	18 (36V)	476-540	1	97	-	26	23	11	-	1/0	182 (82)
18 Y 0540 W 8*	18 (36V)	476-540	1	97	-	-	23	11	10	1/0	182 (82)
18 Y 0600 W 2*	18 (36V)	451-600	1	105	-	33	28	14	-	1/0	186 (84)
18 Y 0600 W 8*	18 (36V)	451-600	1	105	-	-	28	14	11	1/0	186 (84)
18 Y 0680 W 2*	18 (36V)	601-680	1	131	-	38	33	16	-	1/0	199 (90)
18 Y 0680 W 8*	18 (36V)	601-680	1	131	-	-	33	16	13	1/0	199 (90)
18 Y 0750 W 2*	18 (36V)	681-750	1	131	-	38	33	16	-	1/0	199 (90)
18 Y 0750 W 8*	18 (36V)	681-750	1	131	-	-	33	16	13	1/0	199 (90)
18 Y 0865 W 2*	18 (36V)	751-865	1	156	-	41	36	18	-	1/0	250 (113)
18 Y 0865 W 8*	18 (36V)	751-865	1	156	-	-	37	19	16	1/0	250 (113)
24 Y 0180 X 2*	24 (48V)	120-180	1	32	-	11	10	5	-	2	220 (96)
24 Y 0260 X 2*	24 (48V)	181-260	1	47	-	16	14	7	-	2	220 (96)
24 Y 0380 X 2*	24 (48V)	261-380	1	67	-	23	20	10	-	2	226 (102)
24 Y 0475 X 2*	24 (48V)	381-475	1	83	-	30	26	13	-	2	226 (102)
24 Y 0600 X 2*	24 (48V)	476-600	1	105	-	37	32	16	-	1/0	310 (140)
24 Y 0750 X 2*	24 (48V)	601-750	1	131	-	46	40	20	-	1/0	315 (143)

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: (A=120, 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.	Bronco

- > Supplied with a 10 ft. DC output cable and output connector.
- > Dimensions: **W** Cabinet = 21" width X 19" depth X 26" height // **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.