



WARHORSE MULTI-CIRCUIT INDUSTRIAL BATTERY CHARGERS

06/02/08

The Power of Excellence

PRODUCT: WarHorse - Multicircuit -Three Shift Battery Charger

APPLICATION: Save space, charge multiple batteries, 100% depleted battery fully recharged in 8 hours or less.

→ SPECIFICATIONS & PRICE LIST

Single (1) Phase - Requires 3 phase input.

Model	Cell (voltage)	Circuits	Battery Amp Hour Range	Phase	DC Output Current per circuit	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		
12 R 0380 Z 3 * 2 S	12 (24V)	2	261-380	1	67	25	21	11	-	2	335
12 R 0380 Z 9 * 2 S	12 (24V)	2	261-380	1	67	-	21	11	9	2	335
12 R 0475 Z 3 * 2 S	12 (24V)	2	381-475	1	83	30	26	14	-	2	335
12 R 0475 Z 9 * 2 S	12 (24V)	2	381-475	1	83	-	26	14	11	2	335
12 R 0540 Z 3 * 2 S	12 (24V)	2	476-540	1	97	32	28	14	-	1/0	396
12 R 0540 Z 9 * 2 S	12 (24V)	2	476-540	1	97	-	28	14	13	1/0	396
12 R 0600 Z 3 * 2 S	12 (24V)	2	541-600	1	105	40	35	18	-	1/0	396
12 R 0600 Z 9 * 2 S	12 (24V)	2	541-600	1	105	-	35	18	13	1/0	396
12 R 0680 Z 3 * 2 S	12 (24V)	2	601-680	1	131	46	39	21	-	1/0	407
12 R 0680 Z 9 * 2 S	12 (24V)	2	601-680	1	131	-	39	21	16	1/0	407
12 R 0750 Z 3 * 2 S	12 (24V)	2	681-750	1	131	46	39	21	-	1/0	407
12 R 0750 Z 9 * 2 S	12 (24V)	2	681-750	1	131	-	39	21	16	1/0	407
12 R 0865 Z 3 * 2 S	12 (24V)	2	751-865	1	151	54	47	25	-	1/0	428
12 R 0865 Z 9 * 2 S	12 (24V)	2	751-865	1	151	-	47	25	18	1/0	428
12 R 0965 Z 3 * 2 S	12 (24V)	2	866-965	1	169	59	52	26	-	1/0	435
12 R 0380 Z 3 * 3 S	12 (24V)	3	261-380	1	67	25	21	11	-	2	483
12 R 0380 Z 9 * 3 S	12 (24V)	3	261-380	1	67	-	21	11	9	2	483
12 R 0475 Z 3 * 3 S	12 (24V)	3	381-475	1	83	30	27	14	-	2	483
12 R 0475 Z 9 * 3 S	12 (24V)	3	381-475	1	83	-	27	14	11	2	483
12 R 0540 Z 3 * 3 S	12 (24V)	3	476-540	1	97	32	28	14	-	1/0	498
12 R 0540 Z 9 * 3 S	12 (24V)	3	476-540	1	97	-	28	14	13	1/0	498
12 R 0600 Z 3 * 3 S	12 (24V)	3	541-600	1	105	40	35	18	-	1/0	498
12 R 0600 Z 9 * 3 S	12 (24V)	3	541-600	1	105	-	35	18	13	1/0	498
12 R 0680 Z 3 * 3 S	12 (24V)	3	601-680	1	131	46	39	21	-	1/0	515
12 R 0680 Z 9 * 3 S	12 (24V)	3	601-680	1	131	-	39	21	16	1/0	515
12 R 0750 Z 3 * 3 S	12 (24V)	3	681-750	1	131	46	39	21	-	1/0	515
12 R 0750 Z 9 * 3 S	12 (24V)	3	681-750	1	131	-	39	21	16	1/0	515
12 R 0865 Z 3 * 3 S	12 (24V)	3	751-865	1	151	54	47	25	-	1/0	549
12 R 0865 Z 9 * 3 S	12 (24V)	3	751-865	1	151	-	47	25	18	1/0	549
12 R 0965 Z 3 * 3 S	12 (24V)	3	866-965	1	169	59	53	27	-	1/0	560
12 R 0380 Z 3 * 4 S	12 (24V)	4	261-380	1	67	49	42	21	-	2	583
12 R 0380 Z 9 * 4 S	12 (24V)	4	261-380	1	67	-	42	21	18	2	583
12 R 0475 Z 3 * 4 S	12 (24V)	4	381-475	1	83	59	52	28	-	2	583
12 R 0475 Z 9 * 4 S	12 (24V)	4	381-475	1	83	-	52	28	21	2	583

WarHorse - Multicircuit (1 ph) - Specifications & Price List Continued

Model	Cell (voltage)	Circuits	Battery Amp Hour Range	Phase	DC Output Current per circuit	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		
12 R 0540 Z 3 * 4 S	12 (24V)	4	476-540	1	97	63	56	28	-	1/0	603
12 R 0540 Z 9 * 4 S	12 (24V)	4	476-540	1	97	-	56	28	25	1/0	603
12 R 0600 Z 3 * 4 S	12 (24V)	4	541-600	1	105	80	70	35	-	1/0	603
12 R 0600 Z 9 * 4 S	12 (24V)	4	541-600	1	105	-	70	35	25	1/0	603
12 R 0680 Z 3 * 4 S	12 (24V)	4	601-680	1	131	91	77	42	-	1/0	627
12 R 0680 Z 9 * 4 S	12 (24V)	4	601-680	1	131	-	77	42	32	1/0	627
12 R 0750 Z 3 * 4 S	12 (24V)	4	681-750	1	131	91	77	42	-	1/0	627
12 R 0750 Z 9 * 4 S	12 (24V)	4	681-750	1	131	-	77	42	32	1/0	627
12 R 0865 Z 3 * 4 S	12 (24V)	4	751-865	1	151	108	94	49	-	1/0	667
12 R 0865 Z 9 * 4 S	12 (24V)	4	751-865	1	151	-	94	49	35	1/0	667
12 R 0965 Z 3 * 4 S	12 (24V)	4	866-965	1	169	118	104	52	-	1/0	677
12 R 0380 Z 3 * 5 S	12 (24V)	5	261-380	1	67	49	42	21	-	2	681
12 R 0380 Z 9 * 5 S	12 (24V)	5	261-380	1	67	-	42	21	18	2	681
12 R 0475 Z 3 * 5 S	12 (24V)	5	381-475	1	83	59	52	28	-	2	681
12 R 0475 Z 9 * 5 S	12 (24V)	5	381-475	1	83	-	52	28	21	2	681
12 R 0540 Z 3 * 5 S	12 (24V)	5	476-540	1	97	63	56	28	-	1/0	706
12 R 0540 Z 9 * 5 S	12 (24V)	5	476-540	1	97	-	56	28	25	1/0	706
12 R 0600 Z 3 * 5 S	12 (24V)	5	541-600	1	105	80	70	35	-	1/0	706
12 R 0600 Z 9 * 5 S	12 (24V)	5	541-600	1	105	-	70	35	25	1/0	706
12 R 0680 Z 3 * 5 S	12 (24V)	5	601-680	1	131	91	77	42	-	1/0	736
12 R 0680 Z 9 * 5 S	12 (24V)	5	601-680	1	131	-	77	42	32	1/0	736
12 R 0750 Z 3 * 5 S	12 (24V)	5	681-750	1	131	91	77	42	-	1/0	736
12 R 0750 Z 9 * 5 S	12 (24V)	5	681-750	1	131	-	77	42	32	1/0	736
12 R 0380 Z 3 * 6 S	12 (24V)	6	261-380	1	67	49	42	21	-	2	779
12 R 0380 Z 9 * 6 S	12 (24V)	6	261-380	1	67	-	42	21	18	2	779
12 R 0475 Z 3 * 6 S	12 (24V)	6	381-475	1	83	59	53	28	-	2	779
12 R 0475 Z 9 * 6 S	12 (24V)	6	381-475	1	83	-	53	28	21	2	779
12 R 0540 Z 3 * 6 S	12 (24V)	6	476-540	1	97	63	56	28	-	1/0	809
12 R 0540 Z 9 * 6 S	12 (24V)	6	476-540	1	97	-	56	28	25	1/0	809
12 R 0600 Z 3 * 6 S	12 (24V)	6	541-600	1	105	80	70	35	-	1/0	809
12 R 0600 Z 9 * 6 S	12 (24V)	6	541-600	1	105	-	70	35	25	1/0	809
18 R 0380 Z 3 * 2 S	18 (36V)	2	261-380	1	67	37	32	16	-	2	405
18 R 0380 Z 9 * 2 S	18 (36V)	2	261-380	1	67	-	32	16	13	2	405
18 R 0475 Z 3 * 2 S	18 (36V)	2	381-475	1	83	44	39	20	-	2	405
18 R 0475 Z 9 * 2 S	18 (36V)	2	381-475	1	83	-	39	20	16	2	405
18 R 0540 Z 3 * 2 S	18 (36V)	2	476-540	1	97	46	40	20	-	1/0	423
18 R 0540 Z 9 * 2 S	18 (36V)	2	476-540	1	97	-	40	20	18	1/0	423
18 R 0600 Z 3 * 2 S	18 (36V)	2	541-600	1	105	58	49	25	-	1/0	423
18 R 0600 Z 9 * 2 S	18 (36V)	2	541-600	1	105	-	49	25	20	1/0	423
18 R 0680 Z 3 * 2 S	18 (36V)	2	601-680	1	131	66	58	28	-	1/0	460
18 R 0680 Z 9 * 2 S	18 (36V)	2	601-680	1	131	-	58	28	23	1/0	460
18 R 0750 Z 3 * 2 S	18 (36V)	2	681-750	1	131	66	58	28	-	1/0	460
18 R 0750 Z 9 * 2 S	18 (36V)	2	681-750	1	131	-	58	28	23	1/0	460

WarHorse - Multicircuit (1 ph) - Specifications & Price List Continued


Model	Cell (voltage)	Circuits	Battery Amp Hour Range	Phase	DC Output Current per circuit	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 R 0380 Z 3 * 3 S	18 (36V)	3	261-380	1	67	37	32	16	-	2	512
18 R 0380 Z 9 * 3 S	18 (36V)	3	261-380	1	67	-	32	16	13	2	512
18 R 0475 Z 3 * 3 S	18 (36V)	3	381-475	1	83	44	39	20	-	2	512
18 R 0475 Z 9 * 3 S	18 (36V)	3	381-475	1	83	-	39	20	16	2	512
18 R 0540 Z 3 * 3 S	18 (36V)	3	476-540	1	97	46	40	20	-	1/0	542
18 R 0540 Z 9 * 3 S	18 (36V)	3	476-540	1	97	-	40	20	18	1/0	542
18 R 0600 Z 3 * 3 S	18 (36V)	3	541-600	1	105	58	49	25	-	1/0	542
18 R 0600 Z 9 * 3 S	18 (36V)	3	541-600	1	105	-	49	25	20	1/0	542
18 R 0680 Z 3 * 3 S	18 (36V)	3	601-680	1	131	66	58	28	-	1/0	596
18 R 0680 Z 9 * 3 S	18 (36V)	3	601-680	1	131	-	58	28	23	1/0	596
18 R 0750 Z 3 * 3 S	18 (36V)	3	681-750	1	131	66	58	28	-	1/0	596
18 R 0750 Z 9 * 3 S	18 (36V)	3	681-750	1	131	-	58	28	23	1/0	596
18 R 0380 Z 3 * 4 S	18 (36V)	4	261-380	1	67	73	63	32	-	2	620
18 R 0380 Z 9 * 4 S	18 (36V)	4	261-380	1	67	-	63	32	25	2	620
18 R 0475 Z 3 * 4 S	18 (36V)	4	381-475	1	83	87	77	39	-	2	620
18 R 0475 Z 9 * 4 S	18 (36V)	4	381-475	1	83	-	77	39	32	2	620
18 R 0540 Z 3 * 4 S	18 (36V)	4	476-540	1	97	91	80	39	-	1/0	659
18 R 0540 Z 9 * 4 S	18 (36V)	4	476-540	1	97	-	80	39	35	1/0	659
18 R 0600 Z 3 * 4 S	18 (36V)	4	541-600	1	105	115	97	49	-	1/0	659
18 R 0600 Z 9 * 4 S	18 (36V)	4	541-600	1	105	-	97	49	39	1/0	659
18 R 0680 Z 3 * 4 S	18 (36V)	4	601-680	1	131	132	115	56	-	1/0	731
18 R 0680 Z 9 * 4 S	18 (36V)	4	601-680	1	131	-	115	56	46	1/0	731
18 R 0750 Z 3 * 4 S	18 (36V)	4	681-750	1	131	132	115	56	-	1/0	731
18 R 0750 Z 9 * 4 S	18 (36V)	4	681-750	1	131	-	115	56	46	1/0	731
18 R 0380 Z 3 * 5 S	18 (36V)	5	261-380	1	67	73	63	32	-	2	726
18 R 0380 Z 9 * 5 S	18 (36V)	5	261-380	1	67	-	63	32	25	2	726
18 R 0475 Z 3 * 5 S	18 (36V)	5	381-475	1	83	87	77	35	-	2	726
18 R 0475 Z 9 * 5 S	18 (36V)	5	381-475	1	83	-	77	35	32	2	726
18 R 0540 Z 3 * 5 S	18 (36V)	5	476-540	1	97	91	80	39	-	1/0	776
18 R 0540 Z 9 * 5 S	18 (36V)	5	476-540	1	97	-	80	39	35	1/0	776
18 R 0600 Z 3 * 5 S	18 (36V)	5	541-600	1	105	115	97	49	-	1/0	776
18 R 0600 Z 9 * 5 S	18 (36V)	5	541-600	1	105	-	97	49	39	1/0	776
18 R 0380 Z 3 * 6 S	18 (36V)	6	261-380	1	67	73	63	32	-	2	833
18 R 0380 Z 9 * 6 S	18 (36V)	6	261-380	1	67	-	63	32	25	2	833
18 R 0475 Z 3 * 6 S	18 (36V)	6	381-475	1	83	87	77	39	-	2	833
18 R 0475 Z 9 * 6 S	18 (36V)	6	381-475	1	83	-	77	39	32	2	833
18 R 0540 Z 3 * 6 S	18 (36V)	6	476-540	1	97	91	80	39	-	1/0	893
18 R 0540 Z 9 * 6 S	18 (36V)	6	476-540	1	97	-	80	39	35	1/0	893

WarHorse - Multicircuit (1 ph) - Specifications & Price List Continued

Model	Cell (voltage)	Circuits	Battery Amp Hour Range	Phase	DC Output Current per circuit	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		
24 R 0380 Z 3 * 2 S	24 (48V)	2	261-380	1	67	40	35	18	-	2	426
24 R 0475 Z 3 * 2 S	24 (48V)	2	381-475	1	83	52	46	23	-	2	426
24 R 0380 Z 3 * 4 S	24 (48V)	4	261-380	1	67	80	70	35	-	2	663
24 R 0475 Z 3 * 4 S	24 (48V)	4	381-475	1	83	104	91	46	-	2	663

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 High Frequency Charger

- > Supplied with a 10 ft. DC output cable and output connector.
- > Dimensions: **Z** Cabinet = 30" width X 28" depth X 37" height
- > Please refer to Warranty Certificates for warranty information.
- > UL listed for U.S. and Canadian safety standards.
- > Applied Energy Solutions is an ISO 9001 Registered U.S. Manufacturer.

