

Choosing Your Vulcan Industrial Charger

Your Vulcan Distributor

Vulcan Electric
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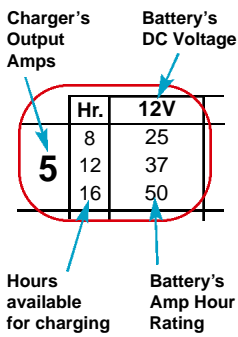
EA/CV Chargers

AC Input: 108-120V

FR Ferroresonant Chargers

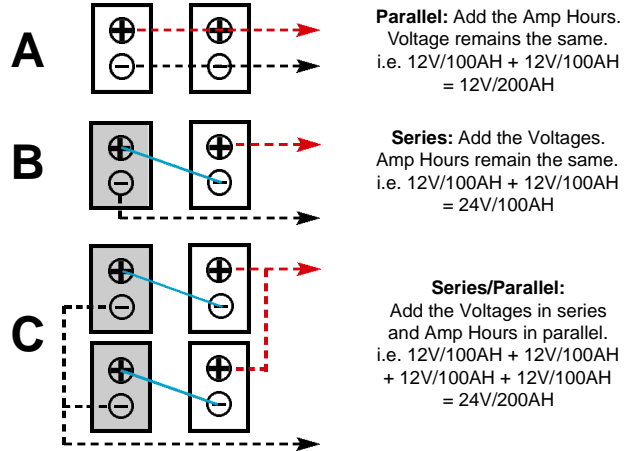
AC Input: 108-120V/208-240V

Output Amps (DC)	Hr.	EA/CV Chargers			FR Ferroresonant Chargers			
		12V	24V	36V	12V	24V	36V	48V
5	8	25	25		36			
	12	37	37		54			
	16	50	50		72			
10	8	50	50	50		72		
	12	75	75	75		108		
	16	100	100	100		144		
15	8	80	80	80		92	92	
	12	120	120	120		138	138	
	16	160	160	160		180	180	
20	8				123	123	123	
	12				180	180	180	
	16				246	246	246	
25	8				150	150	150	
	12				230	230	230	
	16				305	305	305	
30	8	185	185	185				
	12	277	277	277				
	16	369	369	369				
40	8		244					
	12		366					
	16		488					
50	8	320	320					
	12	475	475					
	16	620	620					



1 Determine your battery's DC Voltage and Amp Hour (AH) rating. If you are using a single battery, check its label for the data, contact your battery supplier, or contact Vulcan with the make and model of your battery.

If you have multiple batteries, determine the Voltage and AH rating for the appropriate parallel, series, or series/parallel configuration.



2 Choose a column that shows your required battery voltage, and follow it down until you find an AH rating closest to the one you need. (We've shown each charger's AH ratings for typical 8, 12 and 16-hour charge times, based on batteries that have been discharged by 80%.)

Each charger's model name and required AC Input is displayed above its chart. Keep in mind that your available AC Input will usually dictate the model of charger that you can use.

A2P Single Phase Chargers

AC Input: 208-240V

A3P Three Phase Chargers

AC Input: 440-600V

Contact Name: _____

Company: _____

Phone: _____

Job Ref: _____

Output Amps (DC)	Hr.	A2P Single Phase Chargers				A3P Three Phase Chargers			
		12V	24V	36V	48V	24V	36V	48V	80V
60	8	360	360	360	360				
	12	450	450	450	450				
	16	585	585	585	585				
80	8	480	480	480	480	480	480	480	
	12	600	600	600	600	600	600	600	
	16	780	780	780	780	780	780	780	
100	8	600	600	600	600	600	600	600	600
	12	750	750	750	750	750	750	750	750
	16	975	975	975	975	975	975	975	975
125	8	750	750	750	750	750	750	750	
	12	938	938	938	938	938	938	938	
	16	1219	1219	1219	1219	1219	1219	1219	
150	8	900	900	900	900				
	12	1125	1125	1125	1125				
	16	1463	1463	1463	1463				
175	8	1050	1050	1050	1050				
	12	1310	1310	1310	1310				
	16	1700	1700	1700	1700				

Battery Voltage	Battery AH	Charge Time	Connector	Battery Type
			<input type="checkbox"/> Ring Lug <input type="checkbox"/> Tinned	<input type="checkbox"/> Lead Acid <input type="checkbox"/> AGM <input type="checkbox"/> Gel (CV only)

Is charger permanently connected to battery? Yes No

AC Input available:
 120V 240V
 480V 600V

Intended Use

Recommended Charger

Customer PO #

Model Battery Voltage Output Amps List Price

User is responsible for determining whether a product is fit for a particular purpose and suitable for a method of application. Charger specifications may change without notice. Figures based on typical operating conditions and environments. For indoor use only. • Most popular models shown. Other sizes available on request.

Need help? Contact Vulcan toll free at 1-800-268-6949