

REVOLUTION™ Opportunity Chargers

RV05



RV08



RV12



Typical Specifications for RV05

	RV05-4kW-75A-48V-P	RV05-5kW-100A-48V-P	RV05-6kW-125A-48V-P	RV05-4kW-90A-36V-P	RV05-5kW-120A-36V-P	RV05-6kW-150A-36V-P
Nominal VA Ratings	48V / 75A	48V / 100A	48V / 125A	36V / 90A	36V / 120A	36V / 150A
Input Specifications						
Voltage	480VAC, 3-phase ±10%					
Current	5.6A rms/ph	7.4A rms/ph	9.3A rms/ph	5.6A rms/ph	7.4A rms/ph	9.3A rms/ph
Power Factor	>0.92					
Output Ratings						
Voltage	48V nom. / 65V max.			36V nom. / 50V max.		
Current	75A max.	100A max.	125A max.	90A max.	120A max.	150A max.
Power	3.9kW max.	5.2kW max.	6.5kW max.	3.9kW max.	5.2kW max.	6.5kW max.
Efficiency	Total charge cycle efficiency > 90%					
	Peak charging efficiency > 92%					
User Interface	LCD/Keypad, Ethernet (optional)					
Cooling	Forced air (fans)					
Mechanical						
Dim. WxDxH	12.5" x 8.5" x 20.25"					
Weight	~49 lbs.	~53 lbs.	~56 lbs.	~49 lbs.	~53 lbs.	~56 lbs.
Certifications	UL and cUL listed					



Power Designers USA LLC
 4005 Felland Rd. Suite 116
 Madison, WI 53718, USA
 T: 608.231.0450 F: 608.231.9979
www.powerdesigners.com

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Typical Specifications for RV08

	RV08-6kW-125A-48V-P	RV08-8kW-150A-48V-P	RV08-9kW-175A-48V-P	RV08-10kW-200A-48V-P	RV08-6kW-150A-36V-P	RV08-8kW-180A-36V-P	RV08-9kW-210A-36V-P	RV08-10kW-240A-36V-P
Nominal VA Ratings	48V / 125A	48V / 150A	48V / 175A	48V / 200A	36V / 150A	36V / 180A	36V / 210A	36V / 240A
Input Specifications								
Voltage	480VAC, 3-phase ±10%							
Current	9.3A rms/ph	11.1A rms/ph	13.0A rms/ph	14.9A rms/ph	9.3A rms/ph	11.1A rms/ph	13.0A rms/ph	14.9A rms/ph
Power Factor	>0.92							
Output Ratings								
Voltage	48V nom. / 65V max.				36V nom. / 50V max.			
Current	125A max.	150A max.	175A max.	200A max.	150A max.	180A max.	210A max.	240A max.
Power	6.5kW max.	7.8kW max.	9.1kW max.	10.4kW max.	6.5kW max.	7.8kW max.	9.1kW max.	10.4kW max.
Efficiency	Total charge cycle efficiency > 90%							
	Peak charging efficiency > 92%							
User Interface	LCD/Keypad, Ethernet (optional)							
Cooling	Forced air (fans)							
Mechanical								
Dim. WxDxH	18.5" x 9.5" x 21"							
Weight	~73 lbs.	~77 lbs.	~81 lbs.	~85 lbs.	~73 lbs.	~77 lbs.	~81 lbs.	~85 lbs.
Certifications	UL and cUL listed							



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RV12



Typical Specifications for RV12

with SBX350 and Euro320 Connectors in the USA
with SBX350 Connectors in Canada

	RV12-10kW- 200A-48V-P	RV12-12kW- 225A-48V-P	RV12-13kW- 250A-48V-P	RV12-14kW- 275A-48V-P	RV12-15kW- 300A-48V-P	RV12-10kW- 240A-36V-P	RV12-12kW- 270A-36V-P	RV12-13kW- 300A-36V-P	RV12-14kW- 330A-36V-P	RV12-15kW- 350A-36V-P
Nominal VA Ratings	48V / 200A	48V / 225A	48V / 250A	48V / 275A	48V / 300A	36V / 240A	36V / 270A	36V / 300A	36V / 330A	36V / 350A
Input Specifications										
Voltage	480VAC, 3-phase ±10%									
Current	14.9A rms/ph	16.7A rms/ph	18.5A rms/ph	20.4A rms/ph	22.2A rms/ph	14.9A rms/ph	16.7A rms/ph	18.5A rms/ph	20.4A rms/ph	22.2A rms/ph
Power Factor	>0.92									
Output Ratings										
Voltage	48V nom. / 65V max.					36V nom. / 50V max.				
Current	200A max.	225A max.	250A max.	275A max.	300A max.	240A max.	270A max.	300A max.	330A max.	350A max.
Power	10.4kW max.	11.7kW max.	13.0kW max.	14.3kW max.	15.6kW max.	10.4kW max.	11.7kW max.	13.0kW max.	14.3kW max.	15.6kW max.
Efficiency	Total charge cycle efficiency > 90%									
	Peak charging efficiency > 92%									
User Interface	LCD/Keypad, Ethernet (optional)									
Cooling	Forced air (fans)									
Mechanical										
Dim. WxDxH	26.5" x 9.5" x 21"									
Weight	~106 lbs.	~109 lbs.	~113 lbs.	~116 lbs.	~120 lbs.	~106 lbs.	~109 lbs.	~113 lbs.	~116 lbs.	~120 lbs.
Certifications	UL and cUL listed									



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Typical Specifications for RV12 with Euro320 Connectors in Canada

	RV12-10kW- 200A-48V-P- CN	RV12-12kW- 225A-48V-P- CN	RV12-13kW- 250A-48V-P- CN	RV12-14kW- 270A-48V-P- CN	RV12-10kW- 240A-36V-P- CN	RV12-12kW- 270A-36V-P- CN
Nominal VA Ratings	48V / 200A	48V / 225A	48V / 250A	48V / 270A	36V / 240A	36V / 270A
Input Specifications						
Voltage	480VAC, 3-phase ±10%					
Current	14.9A rms/ph	16.7A rms/ph	18.5A rms/ph	20.4A rms/ph	14.9A rms/ph	16.7A rms/ph
Power Factor	>0.92					
Output Ratings						
Voltage	48V nom. / 65V max.				36V nom. / 50V max.	
Current	200A max.	225A max.	250A max.	270A max.	240A max.	270A max.
Power	10.4kW max.	11.7kW max.	13.0kW max.	14.3kW max.	10.4kW max.	11.7kW max.
Efficiency	Total charge cycle efficiency > 90%					
	Peak charging efficiency > 92%					
User Interface	LCD/Keypad, Ethernet (optional)					
Cooling	Forced air (fans)					
Mechanical						
Dim. WxDxH	12.5" x 8.5" x 20.25"					
Weight	~106 lbs.	~109 lbs.	~113 lbs.	~116 lbs.	~106 lbs.	~109 lbs.
Certifications	UL and cUL listed					



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