

DC Output Options

12V
30A

24V
20A

36V
13A

48V
10A



DC Output	12 VDC	24 VDC	36 VDC	48 VDC
Max. DC output voltage	16.8 V	33.6 V	50.4 V	67.2 V
Max. DC output current	30 A	20 A	13 A	10 A
Max. DC output power	600 W			
Deep discharge recovery (minimum voltage)	8 V	16 V	24 V	32 V
Maximum interlock current	7 A			
Battery type	Lead acid (wet / AGM / gel), lithium			
Reverse polarity	Electronic protection with auto-reset			
Short circuit	Electronic current limit			

AC Input	
AC input voltage range	85-264 VAC
Nominal AC input voltage	100-240 VAC +/-10%
Nominal AC input frequency	50 / 60 Hz
Maximum AC input current	7 A
Nominal AC input current	7 A @ 100 VAC
Power factor	>0.99 @ 120 VAC
	3.5 A @ 240 VAC
	>0.98 @ 230 VAC

Regulatory	
Efficiency	90% at full load, 120 VAC, 48 VDC 92% at full load, 240 VAC, 48 VDC
Safety (LVD)	UL1564, CSA 107.2, EN 60335-2-29
Emissions (EMC)	EN55014
Immunity (EMC)	EN 61000-3-2, EN 61000-3-3

Mechanical	
Dimensions	L241.2 x W135 x H60 mm
Weight	2.2 kg
AC input connector	IEC320 / C14 (requires country-specific cord)
DC output connector	Customizable
Communication	CAN bus 485 (optional)
inhibit function	ON / OC
Cooling	Active cooling with fan (Variable speed)

Environmental	
Enclosure	IP21
Operating temperature	-20°C to +45°C
Storage temperature	-40°C to +70°C
	Derated at >45°C

Mechanical Reference

