

DC Output Options

24V
37.5A

36V
25A

48V
18.75A



DC Output	24 VDC	36 VDC	48 VDC
Maximum DC output voltage	36 V	54 V	72 V
Maximum DC output current	37.5 A	25 A	18.75 A
Maximum DC output power	900 W		
Deep discharge recovery (minimum voltage)	1.2 V	1.8 V	2.4 V
Maximum C3 interlock current	10 A	2 A	0.5 V
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	85-270 VAC		
Nominal AC input voltage	100-240 VAC		
Nominal AC input frequency	50 / 60 Hz		
Maximum AC input current	12 A		
Nominal AC input current	10 A @ 100 VAC	4.2 A @ 240 VAC	
Power factor	>0.99 @ 120 VAC	>0.98 @ 230 VAC	

Regulatory	
Efficiency	90% @ 240 VAC, 24 VDC, 92% @ 120 VAC, 24 VDC California Energy Commission (CEC) compliant
Safety (LVD)	UL1564, CSA 107.2, EN 60335-2-29
Emissions (EMC)	FCC Part 15 / ICES 003 Class A, EN55011, EN 61000-6-4
Immunity (EMC)	EN 61000-3-2, EN 61000-3-3, EN 61000-6-2

Mechanical	
Dimensions	L335 x W180 x H102 mm
Weight	5 kg
AC input connector	IEC320 / C14 (requires country-specific cord)
DC output connector	M6 threaded fasteners for ring terminals (field replaceable)
Service port	Sealed (IP66) USB 2.0 Host Port (Type A) with dust cover
Cooling	convection cooling

Environmental			
Enclosure	IP66 (NEMA4)		
Operating temperature	-40°C to +65°C	Derated at >40°C	
Storage temperature	-40°C to +85°C		

Mechanical Reference

