

### DC Output Options

**12V**  
25A

**24V**  
15A

**36V**  
10A

**48V**  
8A



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	25 A	15 A	10 A	8 A
Max. DC output power	450 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	6 A		
Nominal AC input current	8 A @ 100 VAC		4 A @ 240 VAC
Power factor	>0.99 @ 120 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	L184.2 x W135 x H60 mm		
Weight	1.8 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		Derated at >45°C
Storage temperature	-40°C to +70°C		

### Mechanical Reference

