



## FlinSlim MPPT Stack 5kVA-48V Solar Inverter Specifications

MODEL	FlinSlim MPPT Stack 5kVA-48V
<b>RATED POWER</b>	5000 VA / 5000 W
<b>Parallel Capability</b>	Up to 9 units
<b>INPUT</b>	
<b>Voltage</b>	230 VAC
<b>Selectable Voltage Range</b>	110-280 VAC
<b>Frequency Range</b>	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
<b>AC Voltage Regulation (Batt. Mode)</b>	230 VAC $\pm$ 5%
<b>Surge Capacity</b>	10000 for 5 seconds
<b>Efficiency (Peak)</b>	93% at line mode, 90% at battery mode
<b>Transfer Time</b>	0 ms
<b>Waveform</b>	Pure Sine Wave
<b>BATTERY</b>	
<b>Battery Voltage</b>	48 VDC
<b>Floating Charge Voltage</b>	54 VDC
<b>Overcharge Protection</b>	66 VDC
<b>SOLAR CHARGER</b>	
<b>Maximum PV Array Power</b>	4000W
<b>Solar Charger Type</b>	MPPT
<b>MPPT Range</b>	60 ~ 115 VDC
<b>Maximum PV Array Open Circuit Voltage</b>	145 VDC
<b>Maximum Solar Charge Current</b>	80 A
<b>Maximum AC charge current</b>	60 A
<b>Maximum Charge Current</b>	140 A
<b>PHYSICAL</b>	
<b>Dimension, D x W x H (mm)</b>	466.3 x 438 x 130.8
<b>Net Weight (kgs)</b>	15
<b>Communication Interface</b>	USB/RS232/RS485/Dry-contact/Wi-Fi
<b>OPERATING ENVIRONMENT</b>	
<b>Humidity</b>	5% to 95% Relative Humidity(Non-condensing)
<b>Operating Temperature</b>	-10°C - 50°C
<b>Storage Temperature</b>	-15°C - 60°C

\*Product specifications are subject to change without further notice.