

<b>Model</b>	<b>Max Pro 4kW</b>	<b>Max Pro 6kW</b>	<b>Max Pro 11kW</b>
Rated Power	4kW	6kW	11kW
Parallel Capability	-		Yes, 6 units
<b>INPUT</b>			
Voltage	230 Vac		
Selectable Voltage Range	170–280 Vac (UPS) 90–280 Vac (Appliances)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Battery Mode)	230 Vac ± 10%		
Efficiency (Peak) PV To INV	93%		
Transfer Time	10 ms (Typical UPS) 20ms (Appliances)		
Wave Form	Pure Sine Wave		
Surge Power	8000VA	12000VA	22000VA
<b>BATTERY &amp; AC CHARGER</b>			
Battery Voltage	24 Vdc	48 Vdc	
Floating Charge Voltage	27 Vdc	54 Vdc	
Overcharge Protection	33 Vdc	63 Vdc	
Maximum Charge Current	120A		150A
<b>SOLAR CHARGER</b>			
Max. PV Array Power	5000W	6000W	11000W (5500W x 2)
MPPT Range@ Operating Voltage	60 – 450 Vdc		90 – 450 Vdc
Maximum PV Input Current	27A		27 A x 2 (Max. 40A)
Maximum PV Charging Current	120A		150A
Maximum PV Array Open Circuit Voltage	500 Vdc		
Maximum Efficiency	98%		
<b>PHYSICAL</b>			
Dimensions LxWxH (mm)	435x300x115		554x432.5x147.5
Net Weight (kg)	10	11	20
Ingress Protection	IP21		
Communication Interface	BMS (RS485, CAN-BUS, RS232) WiFi (Build-in)		
<b>OPERATING ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10 °C to 55 °C		
Storage Temperature	-15 °C to 60 °C		