



MAX II Ultra series

Features:

1. Dual outputs for smart load management
2. Two independent AC power sources connected and switched automatically
3. Built-in current transformer sensor to meet self-consumption application
4. Support external BTS (Battery Temperature Sensor) detection
5. Built-in power status lighting indicators
6. Built-in 2.8" colored LCD with slide operation
7. Built-in Wi-Fi for mobile monitoring and OTA firmware upgrade
8. Supports USB On-the-Go function
9. Reserved communication port for BMS (RS485, CAN-BUS or RS232)
10. Support optional GFCI, Rapid shutdown, AFCI detection
11. Parallel operation with 6 units

Model	MAX II-8K Ultra	MAX II-11K Ultra
Rated Power	8000VA/8000W	11000VA/11000W
INPUT		
Voltage	230 VAC	
Select-able Voltage Range	170-280VAC (For Personal Computers) 90-280VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%	
Surge Power	16000VA	22000VA
Efficiency (Peak)	93%	
Transfer Time	10ms(For Personal Computers), 20ms(For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	48 VDC	
Floating Charge Voltage	54 VDC	
Overcharge Protection	63 VDC	
SOLAR CHARGER & AC CHARGER		
Solar charger type	MPPT	
Max PV Array Power	10000W (5000W x 2)	12000W (6000W x 2)
MPPT Range @operating Voltage	90 - 450 VDC	
Max PV Array Open Circuit Voltage	500VDC	
Max PV input Current	27Ax2(MAX 40A)	
Max Solar Charge Current	150A	150A
Max AC Charge Current	120A	150A
Max Charge Current	150A	150A
PHYSICAL		
Dimension, D x W x H (mm)	145 x 438 x 553.6	
Net Weight (kgs)	18.4	
Communication Interface	USB/RS232/RS485/WIFI/Dry-contact/BTS Support optional GFCI,Rapid shutdown,AFCI detection	
External Current Sensor Port	Yes, built-in current transformer sensor	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
OPERATING ENVIRONMENT		
Compliance Safety	CE	