



WKS EVO MAX II TWIN



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

Rated power	11000VA/11000W
Parallel capability	Yes, 6 units
INPUT	
Voltage	230 VAC
Selectable voltage range	170-280 VAC (For personal Computers) - 90-280 VAC (For Home Appliances)
Frequency range	50Hz/60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt. mode)	230 VAC +/- 5 %
Surge Power	22000 VA
Efficiency (Peak)	93 %
Transfer Time	10ms (For Personal Computers); 20ms (For Appliances)
Waveform	Pure Sine Wave
DC Voltage	12 VDC +/- 5%, 100W
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
Solar Charger & AC charger	
Solar charger type	MPPT
Maximum PV Array Power	12000W (6000W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open circuit voltage	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)
Maximum Solar Charge Current	150 A
Maximum AC Charge Current	150 A
Maximum Charge Current	150 A
Physical	
Dimension, DxWxH (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
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating temperature	De -10°C à 50°C
Storage Temperature	De -15°C à 60°C