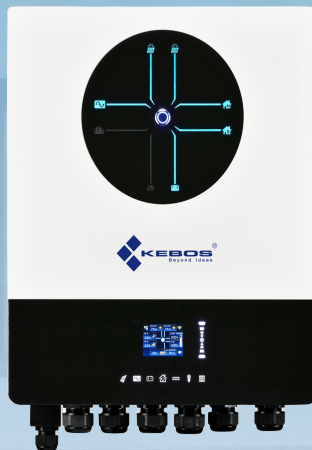




KULTRA

8-11KW

Off Grid Solar Inverter



- Dual inputs and dual outputs for smart energy management
- Built-in 2.8" colored LCD with power lighting indicators
- Wide PV input voltage range 90VDC ~ 450VDC
- Built-in WiFi with APP for mobile monitoring and OTA firmware upgrade
- Built-in BMS communication port
- Supports USB On-the-Go function
- External CT sensor to guarantee 100% self-consumption
- Built-in meter calibration for optimized system operation
- Support external BTS (Battery Temperature Sensor) detection
- Support optional GFCI, Rapid shutdown, AFCI detections
- Built-in anti-dust kit
- Parallel operation with 6 units

Selection Guide

MODEL	KULTRA 8K	KULTRA 11K
Rated Power	8000VA/8000W	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	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	230VAC ± 5%
Surge Power	16000VA	22000VA
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers) , 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	48 VDC	48 VDC
Floating Charge Voltage	54 VDC	54 VDC
Overcharge Protection	63 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger type	MPPT	
Maximum PV Array Power	12000W (6000W x 2)	13000W (6500W x 2)
MPP Range @ Operating Voltage	90~450 VDC	90~450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
Maximum PV nput Current	27A x 2 (MAX 40A)	
Maximum Solar Charge Current	150A	150A
Maximum AC Charge Current	120A	150A
Maximum Charge Current	150A	150A
PHYSICAL		
Dimension, D X W X H (mm)	145x 438 x 553.6	
Net Weight (kgs)	18.4	
Communication Interface	USB/RS232/RS485WiFi/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
STANDARD		
Compliance Safety	CE	CE

* Product specifications are subject to change without further notice

