KEMMO MAX II TWIN Off-Grid Inverter

- Increased PV power to 11KW and 13KW based on model
- Status indication with RGB lights
- Dual outputs and dual inputs for smart energy management
- Maximum PV input current 27A
- Built-in Wi-Fi with APP for mobile monitoring
- Supports USB On-the-Go function
- Built-in BMS communication port
- Built-in meter calibration for optimized system operation
- Battery independent design
- Built-in anti-dust kit
- Built-in DC output for DC fan, LED bulb, router and so on
- Parallel operation with 6 units

KEMMO MAX II TWIN Off-Grid Inverter Selection Guide

MODEL	Axpert MAX II TWIN 8K	Axpert MAX II TWIN 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	
DC Voltage	12 VDC ± 5%, 100W	
BATTERY		
Battery Voltage	48 VDC	48 VDC
Floating Charge Voltage	54 VDC	54 VDC
Overcharge Protection	66 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	11000W (5500W x 2)	13000W (6500W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)	
Maxmum Solar Charge Current	150A	150A
Maximum AC Charge Current	120A	150A
Maximum Charge Current	150A	150A
PHYSICAL		
Dimension, D x W x H (mm)	158.4 x 503.6 x 530.8	
Net Weight (kgs)	20	
Communication Interface	USB/RS232/RS485/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10℃ to 50℃	
Storage Temperature	-15℃ to 60℃	
STANDARD		
Compliance Safety	CE	CE

Product specifications are subject to change without further notice.

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