

Axpert MAX TWIN HMI



- User-friendly HMI LCD design for easy configuration
- Status indication with RGB lights
- Dual outputs for smart load management
- Built-in Wi-Fi with APP for mobile monitoring
- Supports USB On-the-Go function and OTA, OTG firmware
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Parallel operation with 12 units

Axpert MAX TWIN HMI Off-Grid Inverter Specification

MODEL	Axpert MAX TWIN HMI 6500
Rated Power	6500VA/6500W
PARALLEL CAPABILITY	Yes, 12 units
INPUT	
Voltage	120 VAC
Selectable Voltage Range	90-140 VAC (For Computers) 80-140 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	120VAC $\pm$ 5%
Surge Power	13000VA
Efficiency (Peak)	91%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<70W
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	8000W (4000W x 2)
MPPT Range @ Operating Voltage	90 ~ 230 VDC or 90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	250 VDC or 500 VDC
Maximum PV Input Current	18A x 2
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	120 A
Maximum Charge Current	120 A
PHYSICAL	
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/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	
Safety	UL 1741:2010 R6.21; CSA C22.2 No. 107.1-16
EMC	FCC PART15 Class A

Product specifications are subject to change without further notice.