

BRAVO

HYBRID INVERTER



5 YEAR WARRANTY



Water and Dust Proof protection

Product Description

- ★ IP66 certified enclosure
- ★ Maximum PV input current increases to 21A
- ★ Two independent AC power sources connection automatically
- ★ Battery energy export to AC Grid & Peak Sharing
- ★ 4.3" HMI LCD design for easy configuration
- ★ Built-in 2 MPPT trackers
- ★ Dual output for smart load control
- ★ Programmable supply priority for PV, Battery
- ★ Built-in communication port

Product Features



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Technical Specifications:

Model	X6 - 6.6KW	X8 - 8.6KW	X10 - 10.6KW
PHASE	1-phase in / 1-phase out		
Maximum PV Input Power	12000W	16000W	18000W
Rated Output Power	6600VA/6600W	8600VA/8600W	10600VA/10600W
Maximum Charging Power	6600W	8600W	10600W
GRID OUTPUT (AC)			
Nominal Output Voltage	220/230/240 VAC		
Output Voltage Range	220 - 240 VAC or 195.5 - 253 VAC or 182 - 260 VAC (Selectable)		
Nominal Output Current	28.7A	37.4A	46.1A
Power Factor	> 0.99		
Maximum Conversion Efficiency (DCIAC)	>97%		
AC INPUT			
AC Start-up Voltage/ Auto Restart Voltage	60 - 80 VAC / 180 VAC		
Table Input Voltage Range	90 - 280 VAC or 170 - 280 VAC		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
Maximum AC Input Current	40A	60A	60A
PV INPUT (DC)			
Maximum DC Voltage	500VDC		
MPPT Voltage Range	120VDC- 450VDC		
Number of MPPT Trackers / Maximum Input Current	2/21A	2/27A	2/27A
BATTERY MODE OUTPUT (AC)			
Nominal Output Voltage	220/230/240 VAC		
Output Waveform	Pure sine wave		
Efficiency (DC to AC)	93%		
BATTERY & CHARGER			
Battery Type	Lead-acid or Lithium-ion		
Battery Voltage Range (V)	40-60VDC		
Nominal DC Voltage	48VDC		
Maximum Solar Charging Current	135A	190A	210A
Maximum AC Charging Current	135A	190A	210A
Maximum Charging Current	135A	190A	210A
PHYSICAL			
Dimensions, L x W x H (mm)	192 X 418 X 633		
Net Weight (kgs)	24	28	29
INTERFACE			
Parallel Function	Yes, 9 units		
Communication Port	RS-232/RS485/CAN, WIFI		
ENVIRONMENT			
Humidity	0 - 100% RH (No condensing)		
Operating Temperature	-10-c 105o-c		
PROTECTION & CERTIFICATE			
Safety/EMC Standard	IEC/EN 62109-1 .IEC/EN 62109-2.IEC/EN 61000-6-2/4.IEC61683.IEC62116.IEC61727		
Product Specifications are	subject to change without further notice		