Blue Carbon

Single Phase Off-grid Inverter

6500W Inverter



- Built-in 120A solar charger
- Wide PV Input Voltage Range 60-500V
- Detachable Dust Cover
- Lithium Battery Activation
- BMS — Support Lithium/ Lead-acid Battery
- WiFi monitoring (built-in)
- 27 — 27A MAX PV Input
- DUAL — Dual AC Output
- 9 Inverters in parallel

BCT-FXC-6.5KW-P

Specifications

MODEL BCT-FXC-6.5KW-P

AC INPUT	Rated Input Voltage (VAC)	208/220/230/240;L+N+PE
	Voltage Range (VAC)	90~280±3(normal mode);170~280±3 (UPS mode)
	Frequency (Hz)	50/60 (Auto Adaptive)
AC OUTPUT	Rated Capacity (kw)	6.5
	Surge Power (kVA)	12
	Voltage (VAC)	208/220/230/240
	Power Factor (PF)	1
	Frequency	50/60Hz±0.1%
	Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
	Wave Form	Pure Sine Wave
	Overload Capacity (Battery Mode)	Previous continuous load < 2.5kW:1 5min@ 102%~108% load;1min@ 108%~120% load 10s@ >120% load Or: 1min@ 102%~120% load;10s@ >120% load
	Max. Efficiency (Battery Mode)	94%@48VDC
	Parallel Quantity	9
CHARGER (PV / AC)	Solar Charger Type	MPPT
	Max PV Input Current / input Power	27A/9000W
	MPPT Range@Operating Voltage (VDC)	60-450
	Max PV Open Circuit Voltage (VDC)	500
	Max PV Charge Current (A)	120
	Max AC Charge Current (A)	120
	Max. Charge Current (PV + AC)(A)	120
BATTERY	Rated Voltage (VDC)	48
	Floating Charge Voltage (VDC)	54
	Overcharge Protection (VDC)	61
	Battery Type	Lithium and Lead -acid
INTERFACE	HMI	LCD
	Interface	RS232/RS485/CAN//Parallel Interface
	Monitoring	WiFi(optional/built-in-external)
GENERAL DATA	Ingress Protection	IP21
	Operating Temperature	-10°C~60°C
	Relative Humidity	5%~95% (Non-condensing)
	Storage Temperature	-15°C~60°C
	Net Weight (kg)	8.4
	Dimensions (W*H*D)	394*326*110mm(without bracket)
	Max.Operating Altitude	4000m (Derating above 1000m)

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