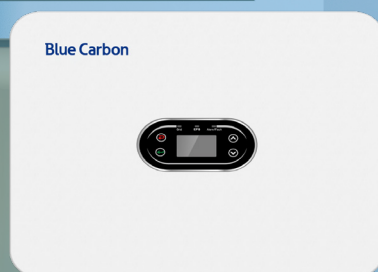


BCT-XD3KTL

Single Phase Hybrid Inverter

- Max. Efficiency 97.5%
- 150% Peak Output Power
- Max. PV Input Voltage 550V
- 2MPP Trackers, 150% DC Input Oversizing
- Max. PV Input Current 16A, Compatible with High Power Modules
- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection
- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc-fault is detected the inverter immediately stops operation



 Efficient
Higher Revenue

 Intelligent
Simple O&M

 Abundant
Configuration

BCT-XD3KTL					
INPUT (PV)					
Max. PV Input Power		5.4kW			
Max. PV Input Voltage		550V			
Start-up Voltage		100V			
Rated Voltage		240V			
MPPT Voltage Range		100V~550V			
Number of MPP Trackers		2			
Max. PV Input Current		16A			
OUTPUT (AC)					
Rated Output Power		3.68kVA			
Max. Output Power		3.68kVA			
Max. Output Current		16A			

Rated Voltage		230V			
Rated Frequency		50Hz / 60Hz			
THDi (@Rated Power)		<3%			
Power Factor		0.8 leading~0.8 lagging			
OUTPUT (EPS)					
Max. Output Power		3.68kVA			
Max. Output Current		16A			
Peak Output Power, Time		5.5kW, 10s			

Rated Voltage, Frequency		230V, 50Hz			
THDv (@Rated Power)		<3%			
Switch Time		<10ms			
BATTERY					
Battery Type	Lithium, Lead-acid	Max. Charge / Discharge Current	100A		
Battery Voltage Range	40V~60V	Communication	CAN		
EFFICIENCY					
Max.Efficiency	97.5%	EU Efficiency	97.2%	Battery Charge/Discharge Efficiency	95%
PROTECTION					
DC Reverse Polarity Protection / Insulation Resistance Monitoring / Ground Fault Monitoring	Yes	Battery Soft Start Protection	Yes		
Over Current / Over Voltage Protection	Yes	AFCI Protection	Optional		
		Surge Protection	Type II		
COMMUNICATION					
Display	LCD	Communication	RS485 / CAN / WiFi / 4G / LAN / Bluetooth		
GENERAL DATA					
Dimension (W*H*D)	490 x 395 x 200 mm	Cooling Method	Natural	Noise	≤ 25dB
Weight	15kg	Protection Degree	IP66	Relative Humidity	0~100%
Operating Temperature Range	-30℃~+60℃	Max. Operating Altitude	4000 m	Self-consumption	<10W
				Topology	High Frequency Insolation (For battery)



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Blue Carbon, no need electricity bill at all.