

2kW Off-Grid Inverter



Model		HT2000BC-248
AC Output	Rated Power	2000W
	Output Voltage	220/230VAC
	Frequency	50/60Hz±0.1Hz
	Standby Mode	≤10W
	Output Accuracy	±3%
	Output Waveform	Linear load (THD<1%)
Battery Input	Battery Voltage	48V
	Rated Current	50A
	Voltage Range	42 ~ 60VDC
	Battery Low Voltage Warning Point	45V
	Battery Low Voltage Power Off Point	42V
	Max. Efficiency	92%
Bypass Input	AC Bypass Input Voltage	220Vac±10%
	AC Bypass Input Frequency	50/60Hz
	AC Bypass Output Current	9A
	Switching Time	≤10ms
PV Charge Controller	PV Max. Short Circuit Current	25A
	PV Max. Open circuit Voltage	75V
	Max. Charging Current	25A
	Max. Charging Power	1200W
	Charging Control Mode	MPPT
	Max. Efficiency	98.20%
AC Charger (optional)	Max. Charging Voltage	57V
	Max. Charging Current	6A
	AC Max. Charging Current	300W
Environment	Ambient Temperature	0°C ~ +40°C
	Humidity	≤90%, non-condensing
	Altitude	2000m
Protection Function	Over Temperature Protection Point	75°C ± 5°C
	Output Short Circuit	Close Output Voltage and Reset
	Overload Protection	Over 105-115% load, it will last 3 min; over 115-150%, last 30 sec; >150%, last 10 main electricity supply cycles
Display	Displayer	LCD/LED
	Display Content	Battery Voltage, Output Load, Operational Mode, Fault Information and Operation Condition
Size (W×H×D)		482×88×460mm
Weight		8Kg