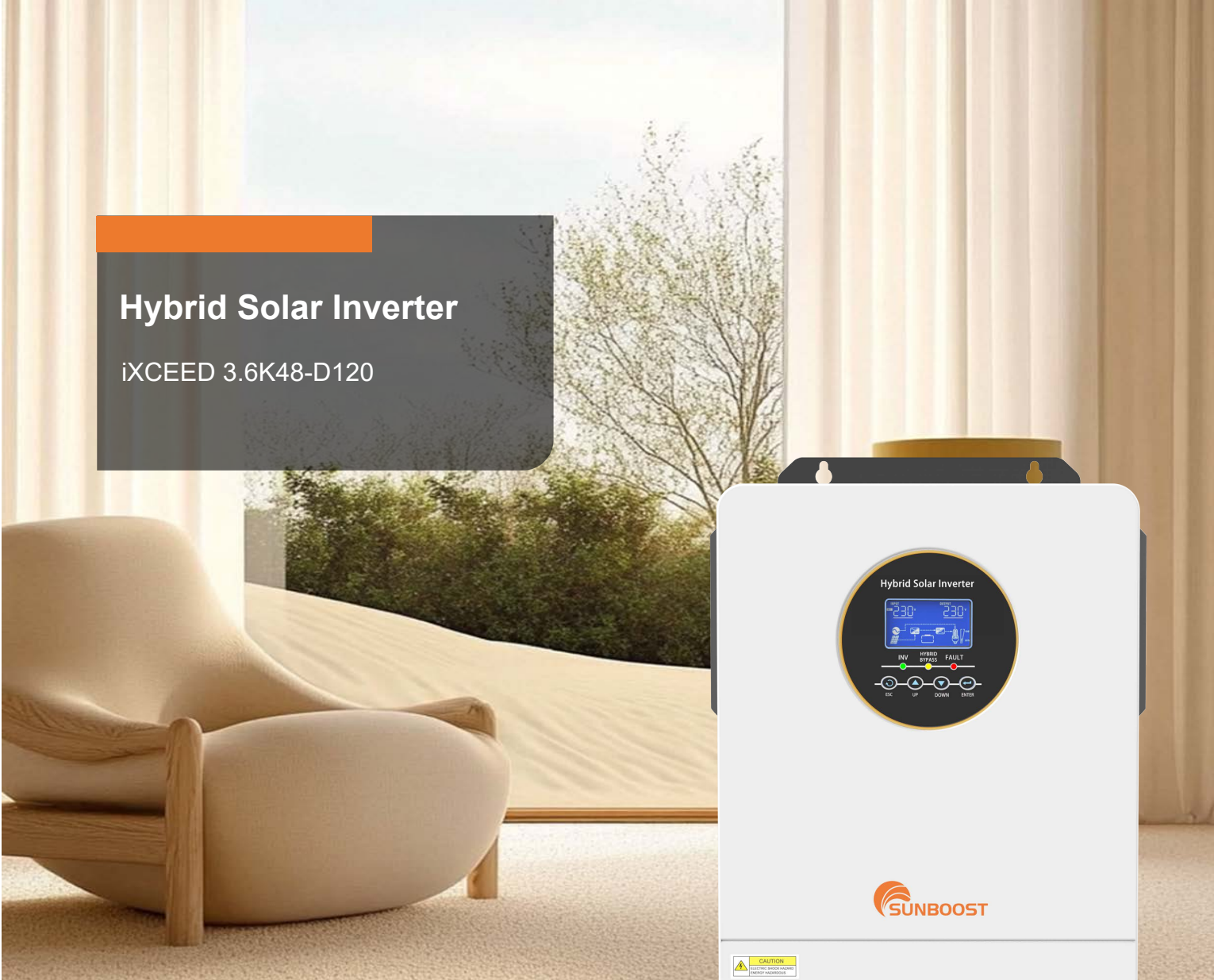




Hybrid Solar Inverter

iXCEED 3.6K48-D120



120Vac single phase and 240Vac split phase



Capable to operate without Battery



Wider PV input voltage range:120V~450Vdc



Built-in dust filter kit, suitable for harsh environments



Excellent solar MPPT performance, efficiency up to 99%



Capable to communicate with battery BMS by RS-485 interface

MODEL	iXCEED 3.6K48-D120
Rated Power	3600W
PV Array	
Max.PV Array Power	4200W
Max.PV Array Open-Circuit Voltage	500VDC
Start-up Voltage	100VDC
MPPT Operating Voltage Range	120-450VDC
Nominal Input Voltage	360VDC
Max.Input Current MPPT	18A
MPPT max Efficiency	99%
Battery	
Battery Type	Li-ion /lead-acid
Nominal Battery Voltage	48V
Battery Voltage Range	42-58V
Max.AC Charging Current	40A
Max.PV Charging Current	80A
Max.Battery Discharging Current	80A
AC Input	
Nominal Voltage	240Vac（split phase）
Voltage Range	170-275Vac
Frequency	50/60Hz (Auto sensing)
Max.Input Current	40A
AC Output	
Nominal Voltage	120Vac(L1/N, L2/N)±5%/240Vac(L1/L2)±5%
Output Voltage Waveform	Pure Sine Wave
Rated Output Power	3600VA/3600W
Peak Output Power	5300VA
Nominal Output Frequency	50/60Hz
Transfer Time	10ms
Efficiency(peak) PV to INV	96.5%
Efficiency(peak) BAT to INV	93.5%
General Data	
Operating Temperature Range	-10 -- +50℃
Relative Humidity	0~95%
Max. Operating Altitude	< 4000m
Cooling Method	Intelligent Fan cooling
Display	LED + LCD
Communication with BMS	RS485
Communication with Cloud	WiFi/4G
Degree of Protection	IP21
Weight(kg)	10
Dimension(W*H*Dmm)	435*107*306mm
Mounting Method	Wall Mounted