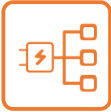
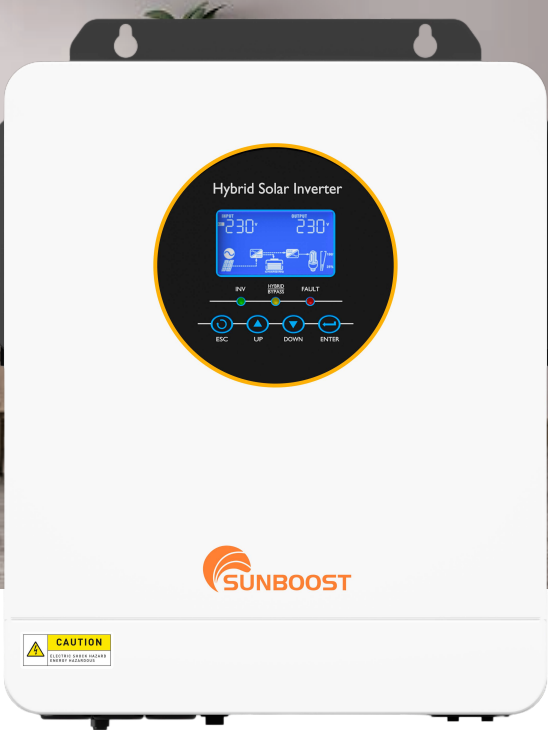


Hybrid Solar Inverter

IXCEED 3K24-S120
IXCEED 3.6K24-S120
IXCEED 5K48-S120



Battery wake-up function



Capable to operate without Battery



Wider PV input voltage range: 60V~300Vdc



Built-in dust filter kit, suitable for harsh environments



Excellent solar MPPT performance, efficiency up to 99%



Excess solar energy can feed in Grid (settable)

MODEL	IXCEED 3K24-S120	IXCEED 3.6K24-S120	IXCEED 5K48-S120
PV Array			
Max.PV Array Power	3600W	4200W	6000W
Max.PV Array Open-Circuit Voltage	300Vdc		
Start-up Voltage	60Vdc		
MPPT Operating Voltage Range	70-280Vdc		
MPPT Efficiency	99%		
Nominal Input Voltage	250Vdc		
Max. Input Current MPPT	30A		
Battery			
Battery Type	lead-acid /Li-ion		
Nominal Battery Voltage	24V	48V	
Battery Voltage Range	21 - 29V	42-58V	
Max. AC Charging Current	40A	50A	50A
Max. PV Charging Current	80A	100A	100A
Max. Continuous Discharging Current	100A	100A	120A
AC Input			
Nominal Voltage	120Vac		
Voltage Range	90-140Vac		
Frequency	50/60Hz(Auto sensing)		
High Loss Frequency	65Hz		
Low Loss Frequency	45Hz		
Max. Input Current	40A	50A	
AC Output			
Nominal Voltage	120Vac±5%		
Output Voltage Waveform	Pure Sine Wave		
Rated Output Power	3000VA/3000W	3600VA/3600W	5000VA/5000W
Peak Output Power	4500VA	5400VA	7500VA
Nominal Output Frequency	50/60Hz		
Transfer Time	10ms		
Max. PV to AC Efficiency	96.50%		
Max. Battery to AC Efficiency	91.00%		
Protection			
Over Temperature Protection	Yes		
Overload Protection	3s@≥150% load;10s@110%~150% load		
General Data			
Operating Temperature Range	-10 -- +50℃		
Safety Certification	CE		
Relative Humidity	0~95%Relative Humidity (Non-condensing)		
Max. Operating Altitude	< 4000m		
Cooling Method	Intelligent Fan cooling		
Display	LED + LCD		
Degree of Protection	IP21		
Weight	6.5kg	8.4kg	
Dimension(W*H*D)	326*275*95mm	363*105*300	
Mounting Method	Wall Mounted		