



Hybrid Solar Inverter

iXCEED 5.5K48-D120
iXCEED 6.2K48-D120



120Vac single phase and
240Vac split phase



Wider PV input voltage
range: 100V~500Vdc



Excellent solar MPPT
performance, efficiency up to 99%



Capable to operate without Battery



Built-in dust filter kit, suitable for harsh
environments



Capable to communicate with battery
BMS by RS-485 interface

MODEL	iXCEED 5.5K48-D120	iXCEED 6.2K48-D120
Rated Power	5500W	6200W
PV Array		
Max.PV Array Power	6600W	7200W
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	20A	
MPPT max Efficiency	99%	
Battery		
Battery Type	Li-ion /lead-acid	
Nominal Battery Voltage	48V	
Battery Voltage Range	41-58V	
Max.AC Charging Current	40A	
Max.PV Charging Current	100A	
Max.Continuous Discharging Current	120A	
AC Input		
Nominal Voltage	240Vac (split phase)	
Voltage Range	180-280Vac	
Frequency	50/60Hz (Auto following)	
Max.Input Current	40A	
AC Output		
Nominal Voltage	120Vac±5%/240Vac±5%	
Output Voltage Waveform	Pure Sine Wave	
Rated Output Power	5500VA/5500W	6200VA/6200W
Peak Output Power	8000VA	8800VA
Nominal Output Freqency	50/60Hz	
Transfer Time	10ms	
Efficiency(peak) PV to INV	96.5%	
Efficiency(peak) BAT to INV	93.0%	
General Data		
Operating Temperature Range	-10 -- +50 °C	
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)	9	
Dimension(W*H*Dmm)	373*105*300	
Mounting Method	Wall Mounted	