

5.5KVA Inverter

Specifications – SEI-5.5K-S



Model	SEI-5.5K-S
Capacity	5500W
Input	
Max Peak Power	11,000VA
Rated Output Voltage	230Vac (Single Phase)
Load Capacity of Motors	4HP
Rated AC Frequency	50Hz/60Hz
Switch Time	10ms (typical)
Waveform	Pure Sine Wave
Battery	
Battery Type	Lead-acid / Li-ion / User defined
Rated Battery Voltage	48V
Voltage Range	40~60Vdc
Max.MPPT Charging Current	100A
Max.Mains/Generator Charging Current	60A
Max.Hybrid Charging Current	100A
PV Input	
Num. of MPPT Trackers	1
Max.PV Array Power	6,000W
Max Input Current	22A
Max. Voltage of Open Circuit	120~450Vdc
Utility/Generator Input	
Input Voltage Range	UPS mode: 170~280Vac; APL mode: 90~280Vac
Frequency Range	50/60Hz
Bypass Overload Current	40A
Efficiency	
MPPT Tracking Efficiency	99.9%
Max battery Inverter Efficiency	92%
Net Weight (KG)	7
General	
Dimensions	556*345*182mm
Weight	19.2KG
Protection Degree	IP65
Operating Temperature Range	-25~55°C, ≥45°C derated
Humidity	0~100%
Cooling Method	Forced Air cooling with adjustable air speed
Warranty	5 Years
Ccommunication	
Embedded Interfaces	RS485 / CAN / USB / Dry contact
External Modules (Optional)	EN61000