



Product Features



Pure sine wave



Wide PV input voltage



Independent operation without battery



Integrated MPPT controller



LCD display



Electronic protection function

Technical Specifications

Model	SAS8548VMII	SAS11048VMII
Capacity	8.5KVA/8.5kW	11KVA/11kW
Maximum PV Input Power	10kW	11kW
Parallel Capability	NO	NO
Lithium Battery Activation	YES(By PV or Utility)	
Lithium Battery Communication	YES(RS485)	
Input		
Nominal Voltage	230VAC	
Acceptable Voltage Range	170-280VAC(PC);90-280VAC (Home)	
Frequency	50/60 Hz(Adaptive)	
Output		
Nominal Voltage	220/230/240VAC	
Surge Power	17000VA	22000VA
Frequency	50/60 Hz	
Waveform	Pure Sine wave	
Transfer Time	10ms (PC);20ms (Home)	
Peak Efficiency	94%	
Overload Protection	5s@>=140%load;10s@101%~140%load	
Admissible Power Factor	0.6~1 (inductive or capacitive)	
Grid-tie Operation	No	
Battery		
Battery Voltage	48VDC	48VDC
Maximum Discharge Current	180A	220A
Floating Charge Voltage	54VDC	54VDC
OverCharge Protection	63VDC	63VDC
Charging Method	CC/CV	
SOLAR CHARGER & AC CHARGER		
Solar Charger TYPE	MPPT	MPPT
Max.PV Array Power	5000W*2	5500W*2
Max.PVArray Open Circuit Voltage	500VDC	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC	60VDC~500VDC
Max.Solar Input Current	18A*2	18A*2
Max.Solar Charge Current	140A	160A
Max.AC Charge Current	120A	120A
Max.Charge Current	140A	160A
General Data		
Dimensions, D×W×H (mm)	540*415*122	540*415*122
Net Weight (Kgs)	14	15
Communication Interface	RS232/RS485/DRY CONTACT	
LCD	YES	
Environment		
Operating Temperature Range	-10°C ~ 50°C	
Storage temperature	-15°C ~60°C	
Humidity	5%to 95%Relative Humidity (Non-condensing)	