

Specificatii tehnice SV-S1 - 100KW / 200KWh

Product Model	S1
Battery Data	
Battery Technology	LFP
Nominal Capacity(kWh)	200kWh
DC Voltage Range(V)	640-817.6V
Charging/Discharging Rate	0.5P
Battery Life Cycle	>6000time@25oC +/- 2oC 90%DOD 0.5p charge /discharge
PCS Data	
Operating Voltage Range (V)	615~950(3W+PE)/640~950(3W+N+PE)
Max DC Current(A)	170A
Rated AC Power (kW)	100kW
Max AC Power(kW)	110kW
Max AC Current (A)	167 A
RatedAC Line Voltage (V)	400V(-10%~+15~)
Ratred AC Line Frenquency (Hz)	50/60Hz
Grid Connection Data (On Grid)	
AC Output Power(kVA)	100kVA
Max AC Output Power (kVA)	110kVA
Nominal AC Voltage (V)	230/400(-10%~+15%)V
Nominal Grid Frequency Range (Hz)	50/60(2.5`2.5)Hz
Max AC Output Current(A)	167A
THDi	<3%(At nominal power)
Rated Power Factor	>0.99
Adjustable Power Factor	1 leading-1 lagging
AC Output Topology	3W+PE/3W+N+PE
Grid Connection Data(off Grid)	
Overloaded Capability	110% Permanently(<40o C)
AC Output Power (kVA)	100kVA
Max AC Output Power (kVA)	110kVA
Nominal AC Voltage (V)	230/400V
AC Voltage THD	<3%(linear load)
Nominal Grid Frequency Range (Hz)	50/60Hz
Max.AC Output Current(A)	167A

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AC Output Topology	3W+N+PE
General Data	
Maximum System Efficiency	92.00%
Dimensions (W*D*H) (mm)	1150x1050x2400(mm)
Weight(kg)	< 2100kg
Lighting Protection	Type II
Transfer Between on/off Grid	Manual (Default)/Automatic(Optional)
Protection	IP55
Operating Temperature Range(oC)	-30to50oC(>45oC derating)
Relative Operating Humidity	0~95%(non-condensing)
Operating Altitude (m)	4000m(>2000m derating)
Cooling Method	Intelligent air cooling
Fire Protection	Active forewarning, Aerosol
Communication Interfaces	RS485, Ethernet ,CAN
Communication Protocols	Modbus RTU,Modbus TCP
Certification	CE,IEC 61000,IEC62619,NRS097-2-1:2017
Warranty	
Warranty	10 years