



100kW/200kWh ESS All In One Energy Storage System

- 14 PCS OF 14.33KWH BATTERY PACK
- FIRE FIGHTING SYSTEM
- OUTDOOR OR INDOOR CABINET
- COOLING SYSTEM



- High-security technology ensures stable and excellent performance
- Compatible with multiple inverters including Sungrow DEYE Solis Growatt Voltronic
- It provides highly efficient energy solutions for household scenarios and small commercial scenarios

DC side	
Full load voltage range (V)	615~950 (3W+PE) /680~950 (3W+N+PE)
Maximum current	140A
AC side	
Rated voltage	230/400V
voltage deviation	-10%~+15%
AC output type	(3W+PE) / (3W+N+PE)
Rated output power (kW)	100kW
Maximum output power (kW)	116kW
Maximum current(A)	167A
Rated grid frequency (Hz)	50/60Hz
Power Factor	0.99
Power factor range	1 (Lead) ~1(lag)
Current distortion rate	<3% (Rated Power)
Overload capacity	110% Long term
Maximum discharge efficiency	98.50%
System parameters	
Working Altitude (m)	2000m (above 2000m derating power)
Operating temperature	-10°C~55°C under -10°C or above 45°C,power derating
Communication Interface	Modbus RTU/Modbus TCP
Standards compliant	GB/T 34120-2017, GB/T 34133-2017, EN 62477 ,EN IEC 61000 ,EN50549-1
Grid support	L/HVRT, active and reactive power control
Battery System(1P224S)	
Rated Voltage	716.8V
Nominal Capacity	280Ah
Rated Current	140A
Battery Energy	200.7kWh
Voltage Range	627.2~806.4V
Connecting Way	1P224S / 1cluster
Max Efficiency	90%
Cooling	Air Cooling
Optimal Working Temperature Range	-10°C~55°C
IP Grade	IP54
Dimension	1500*1330*2185mm
Weight	2500kg
Certifications	UN38.3,MSDS,IEC62619(CB),CE-EMC
Warranty	10 years

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