



All-in-One Energy Storage System

50kW/100kWh

Features

MULTI-STATUS VISUAL INDICATION

- Instant operational status indication
- Critical condition alert within 1s

PLUG-AND-PLAY INVERTER COMPATIBILITY

- Supplied with Solis hybrid inverter, compatible with many other brands
- Auto-detection & plug-and-play

INTELLIGENT CONTROL

- Intelligent climate control
- Dynamic load balancing

TRIPLE SAFETY MONITORING

- Real-time detection of combustible gas, smoke, and temperature
- Cabinet equipped with automatic fire alarm

DISPLAY SCREEN

- Real-time system parameter visualization
- Integrated fault diagnosis system

SMALLER VOLUME AND LIGHTER WEIGHT

- 1320kg
- 918 x 1287 x 2050 mm

Product name		25-PLZ-50-A100
DC (Battery)		
Battery type	LFP (LiFePO4)	
Battery capacity (kWh)	100.4	
Nominal capacity (Ah)	280	
Voltage range (V)	302-404	
Maximum current (A)	140	
Cycles	>8000	
Pack configuration	1P112S1/1 cluster	
AC		
Rated power (kW)	50	
Maximum power (kW)	50	
Maximum current (A)	76 (input)/72.2 (output)	
Rated voltage (V)	400	
Wiring methode	3P+PE/3P+N+PE	
Frequency (Hz)	50/60	
Power Factor	1 (leading) ~ -1 (lagging)	
Max nr. of parallel systems	6	
Cooling/Heating		
Air (pack and PCS)		
System parameters		
Working altitude (m)	2000 (above 2000 derating power)	
Operating temperature (C)	-10 ~ 55 (under -10 and above 45 derating power)	
Humidity (%)	< 90	
Dimension (WxDxH mm)	918 x 1287 x 2085	
Weight (kg)	1400	
Communication interface	CAN/RS485/TCP	
Installation	Ground mounting	
Display	Touchscreen	
Protection class	IP54	
Anti corrosion grade	C4	
Fire control	Aerosol	
Certification	IEC/EN 62109-1/-2, IEC/EN 61000-6-2/-4, EN 55011, MSDS, UN38.3	
Warranty		
10 year		