

# SL125KRP-W NEW

## PCS



### Reduce cost and increase efficiency

- 125kW Modular Energy Storage Converters, larger capacity in the same volume;
- Under the same volume, the charge is greater;
- Three-level modular design, bi-directional energy conversion, max. efficiency 98.5%;



### Safe and reliable

- Modular design, convenient installation and operation;
- Balanced current conversion and health management of batteries, optimized battery cycle life;
- IP66 protection level, strong environmental adaptability;



### Convenient and friendly

- On-demand allocation, peak load shifting and automatic operation locally;
- compatible with major cells capacity of different manufacturers and Tier-1 suppliers;
- Multiple communication and control interfaces for easy adaptation to third-party EMS devices;



### Smart Management

- Remote firmware update and customisable settings
- Free online monitoring to enhance energy management;
- Programmable supply priority for PV, Battery or Grid;

Model	SL125KRP-W
<b>DC side (Battery)</b>	
DC voltage range	600V-1000V
Max. Charge/Discharge current	160 A
<b>AC side (Grid)</b>	
Nominal AC output power	125 kVA
Max. AC output power	137.5 kVA
Nominal AC voltage	400 V
Nominal grid frequency	50/60Hz
Grid frequency range	45-55Hz/55-65Hz
AC connection	3L/N
Nominal AC output current	181 A
Max. AC output current	199 A
Power factor at nominal power /Adjustable power factor	>0.99/-1-1
Max.THD of current	<3% (at nominal power)
<b>Efficiency</b>	
Max. efficiency	98.5%
<b>Protection</b>	
DC input protection	Yes
Protection level/overvoltage level	I/II
Surge protection	DC Type II, AC Type II
<b>Display and Communication</b>	
Display	LED
Communication	CAN/RS485/DI/DO/Ethernet
<b>General data</b>	
Dimensions (W×H×D)	700×280×850 mm
Weight	80 kg
Operating ambient temperature range	-20-60°C
Allowable relative humidity range	0-100% (non-condensing)
Max. operating altitude	3000 m
Noise	<80dB
Cooling method	Intelligent air cooling
Ingress Protection Rating	IP66
Warranty	10 years
DC connection type	Plug and unplug terminal
AC connection type	Plug and unplug terminal
<b>Standards Compliance</b>	
Grid Connection	GB/T 34120/34133, EN 50549-1, CEI 0-21, VDE-AR-N 4105, NTS Type A&B, RD 1699/661/413/647/244/2019, UNE 206006/206007/217001/217002
Safety Regulation	EN/IEC 62109-1/2
Others	EN/IEC 61000-6-1/2/3/4