

LEOCH DU230V100(230.4V100Ah)

DU230V100



LEOCH provides safe and efficient LFP battery solutions.

LEOCH DU system uses lithium iron phosphate battery cells, which can be applied in the field of DC screen backup power. It adopts self-developed battery cells and is an emergency backup solution for 60 minutes or more.

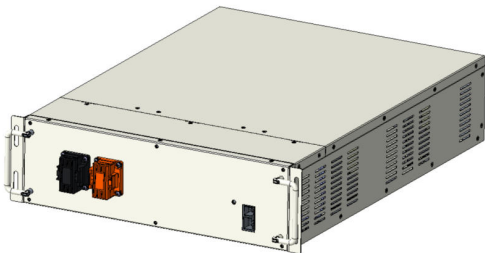
Characteristic

- Safe, reliable, and long-life
- Flexible design, modular structure, scalable
- Gapless power supply
- Can communicate with DC screens or monitoring systems, compatible with multiple protocols
- Human machine interface HMI optional
- Lithium iron phosphate battery cell with high energy conversion efficiency and long service life

System Installation Rendering



PACK Diagram



System Specifications

Nominal Voltage	230.4V
Nominal Capacity	100Ah
Voltage Range	201.6V~248.4V
Cell Type	3.2V/100Ah
Combination Method	12S1P
Max. Discharge Current	100A
Energy	23.04KWh
Nominal Rate	23.04KW
Max. Output Power	23.04KW
Standby Time (≤ 1C)	≥60mins
Single cluster battery pack configuration	6 Battery PACK
Single Battery Dimensions (W*H*D)	442*130*450mm
High Voltage Box Dimensions (W*H*D)	442*130*450mm
Number of system composition clusters	1
Total number of system cabinets	1
Overall System Dimensions (D*W*H)	800*600*2260mm
System Reference Weight	380kg
Operation Temperature	Discharge at -20 °C~60 °C Charge at 0 °C~60 °C Storage at 5 °C~ 35 °C
Altitude	Over 2000 meters, special instructions required
Communication	CAN/RS485
Cycle life	4000 cycles
Protection Grade	IP21