

LEOCH DU230V50(230.4V50Ah)

DU230V50



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.

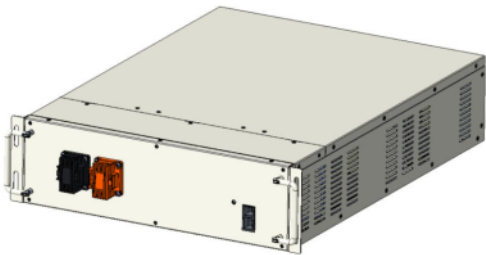
Characteristic

- 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
- Standard human-machine interface HMI
- 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 | 50Ah |
| Voltage Range | 201.6V~248.4V |
| Cell Specification | 3.2V/50Ah |
| Series/Parallel configuration | 12S1P |
| Energy | 11.52KWh |
| Nominal Power | 11.52KW |
| Max. Output Power | 11.52KW |
| Backup Time | ≥60mins |
| Single cluster configuration | 6 Battery PACK |
| Pack Dimensions (W*D*H) | 400*442*150mm |
| System Dimensions (W*D*H) | 800*600*2260mm |
| Weight | Approx. 300kg |
| Communication | CAN/RS485/Dry Contact |
| Cycle life | 3500 cycle |
| Working Humidity | 5%~95%R.H. |
| Thermal Management | Natural Cooling |
| Opeating Temperature | Discharge at -20 °C~60 °C Charge at 0 °C~55 °C Storage at 5 °C~ 35 °C |
| Altitude | Over 2500 meters, special instructions required |
| IP Grade | IP20 |