

# LEOCH DU115V50(115.2V50Ah)

## DU115V50



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.

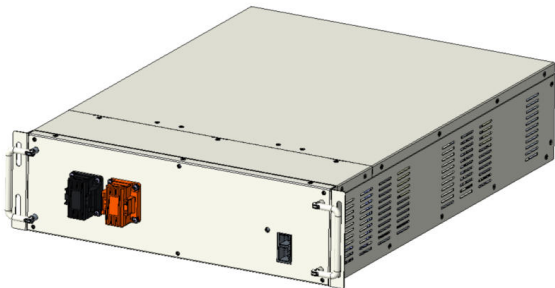
### Characteristic

- 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	115.2V
Nominal Capacity	50Ah
Voltage Range	100.8V~124.2V
Cell Specification	3.2V/50Ah
Series/Parallel configuration	12S1P
Energy	5.76KWh
Nominal Power	5.76KW
Max. Output Power	5.76KW
Backup Time	≥60mins
Single cluster configuration	3 Battery PACK
Pack Dimensions (W*D*H)	400*442*150mm
System Dimensions (W*D*H)	800*600*2260mm
Weight	Approx. 240kg
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