

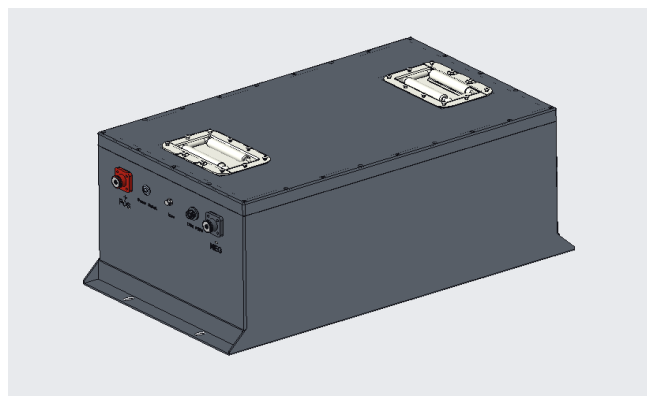
MKS-GP70150(70.4V150Ah)

LEOCH Provides Safe and Efficient LFP Battery Solutions

LEOCH Series adopt high rate and long life LFP cell, inbuilt premium BMS system. Lithium battery has superior performance and longevity compared to lead-acid starter batteries, come with only 40% of the lead-acid weight and more than twice the lifespan of lead-acid starter batteries. Higher charging acceptance.

Features

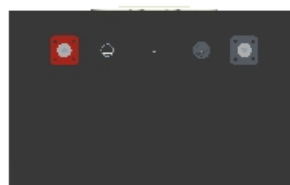
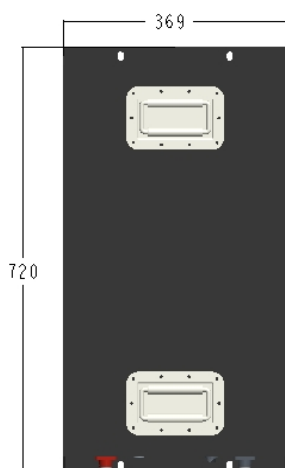
- Safest Lithium Battery Technology
- Lighter Weight
- Eco-friendly
- Longer Life
- Multiple Safety Protection
- Intelligent Balancing Function
- 20 Years Designed Service Life



Performance

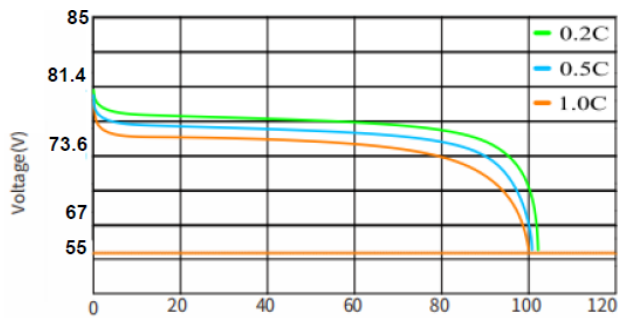
Cell	Square LFP 150Ah	Capacity	150Ah @0.5C 25°C
Rated Charge Current	25A	Nominal Voltage	70.4V
Rated Discharge Current	75A	Energy	10.56kWh
Terminal	M8	Weight	85±1kg
Max. Continuous Charge Current	75A	Dimensions	720x369x230mm
Max. Continuous Discharge Current	200A(20min)	Storage Temp	-10°C to 35°C
Pulse Current	400A(30s)	Discharge Temp	-20°C to 55°C
Rated Charge Voltage	80.3V	Charge Temp	0°C to 55°C
Rated Discharge Cut-off Voltage	58.3V	Self Discharge	<=2%/Month
IP Grade	IP65	Cycle Life	5000times(80%DOD)
System Series	2 parallel connection Fully charged before parallel connection		

Size

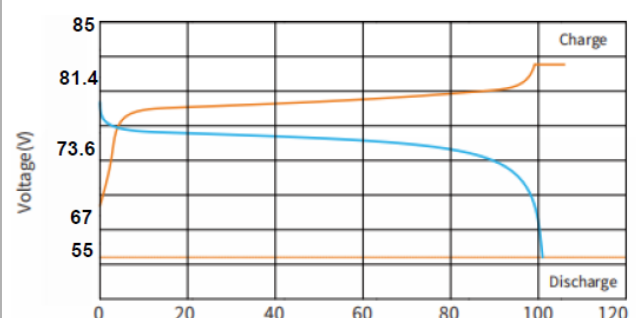


Characteristics Curve

Discharge Performance at 25°C



Charge and Discharge at 25°C, 0.5C



Cautions

1. Do NOT short circuit, crush or disassemble.
2. Do NOT heat or incinerate.
3. Do NOT immerse in any liquid.
4. Store at 50% capacity. Recharge every 6 months. The storage area should be clean, cool, dry and ventilated.
5. Disconnect charging source prior to connecting or disconnecting battery terminals.
6. Do NOT dispose of batteries in a fire as they can explode.
7. Do NOT open, alter, or mutilate batteries. Released electrolyte is harmful to skin and eyes. It may be toxic.
8. Do NOT mix different types and brands of lithium-ion batteries.
9. Do NOT dispose in trash, follow local regulations and manufacturer's instruction.
10. See installation instructions before connecting to the supply.
11. The battery cabinet receives power from more than one source. Disconnection of all DC sources is required to De-energize this unit before installing or servicing. Wait 5 minutes before opening the unit.
12. Do NOT install on or over combustible surfaces.
13. Refer to manual before servicing.
14. Do NOT touch bare terminals.