LEOCH PU384V160(384V160Ah)

PU384V160



LEOCH Provides Safe and Efficient LFP Battery Solutions.

LEOCH PU series adopt high safety LFP cell, with intelligent BMS management system independently developed by LEOCH, safe and reliable, excellent performance, stability and reliability, suitable for three-phase UPS backup system.

Features

- · Integrated design of reserves
- · CTP design
- · Cabinet occupies less volume
- · Built-in gas sensor, early warning, faster intervention
- CAN/RS485 Communication output for monitoring
- · Eco-friendly
- · Safest lithium battery technology

PACK Style

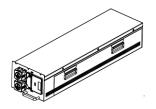


Peformar	nce da	ta					
Time(min)	5	10	15	20	30	60	
Constant Power(kw)	460.8	384	270	203	139.2	72	

Size







System specifications	
Case Material	SPCC
Cell Type	Prismatic LiFePO ₄
Terminal Type	M8
IP Grade	IP20

Basic performance	
Nominal Voltage	384V
Nominal Capacity	160Ah
Energy	61.4KWh
Self Discharge	≤3%/Month
Cycle Life	3000 times(1C/1C)
Size	1000*600*2200
Weight	Appro.1000Kg
Design Life	15 years

Charge performance	
Rated Charge Current	80A
Maximum Charge Current	160A
Rated Charge Voltage	336-414V

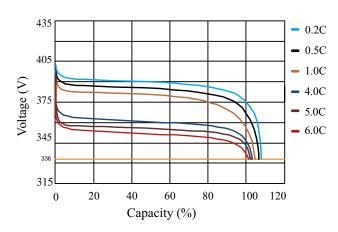
Discharge performance	
Max Output Power	460.8KW@5min
Standard Discharge Time	384KW@10min
Max Continuous Discharge Current	1200A@10min
Rated Discharge Cut-off Voltage	336V
Minimum Discharge Cut-off Voltage	318V

Temperature and humidity		
-15-55°C		
0-45°C		
-20-60°C		
-20-60°C		
≤95%R.H		
≤2000m		

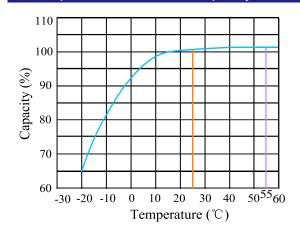
Other	
Communication	CAN/RS485
Dry Contact	DI/DO
System Parallels	≤16
Screen	Required
Thermal Management	Natural Cooling



Discharge Performance at 25°C



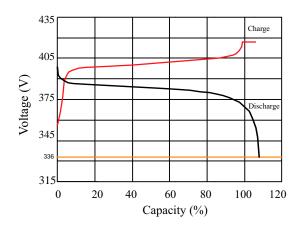
Temperature effects on capacity at 1C



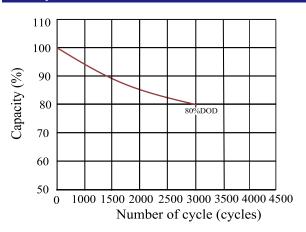
Cautions

- 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.

Charge and Discharge at 25°C,0.5C



Cycle life with DOD at 25°C, 1C/1C





Rack PU384V160