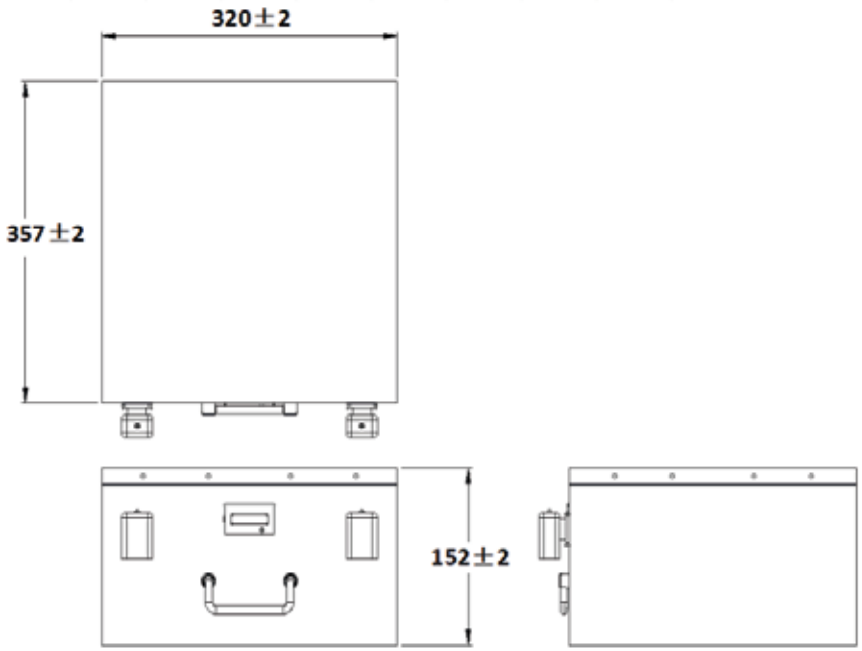
UE-12LI200-BA

Safe and Efficient LFP ($LiFePO_4$) Battery Solution 12.8V 200Ah

FEATURES

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

SIZE



Master Battery, S.L.
Paseo de extremadura, 39, 28935 Móstoles, Madrid, España
Tel. +34 918 021 649
info@masterbattery.es / www.masterbattery.es

UE-12LI200-BA

Upower

Safe and Efficient LFP (LiFePO4) Battery Solution 12.8V 200Ah

PERFORMANCE

Cell	Square LFP 200Ah
Terminal	M8
IP Grade	IP21
Self Discharge	<=2%/Month
Cycle Life	4000times (100%DOD,0.5C/0.5C)
Rated Charge Current	100A
Max. Charge Current	200A
Rated Charge Voltage	13.6~13.8 V
Charge Cut-off Voltage	14.6V
Balancing Voltage	>13.6V
Rated Discharge Current	100A
Max. Discharge Current	200A
Rated Discharge Cut-off Voltage	11.2V
Min. Discharge Cut-off Voltage	>10V
Communication function	Bluetooth

PERFORMANCE PARAMETERS

Capacity	200Ah (0.5C@25 ° C)
Nominal Voltage	12.8V
Energy	2560Wh
Weight	23.4kg
Dimensions	357*320*152 mm

Master Battery, S.L.
Paseo de extremadura, 39, 28935 Móstoles, Madrid, España
Tel. +34 918 021 649
info@masterbattery.es / www.masterbattery.es

MASTER BATTERY

UE-12LI200-BA

Upower

Safe and Efficient LFP (LiFePO4) Battery Solution 12.8V 200Ah

Internal resistance	<10mΩ
Charge Temp	0°C to 55°C
Discharge Temp	-20°C to 60°C
Storage Temperature	-5°Cto35°C
Bluetooth function	Yes
Display screen	LCD

CONSTANT CURRENT DISCHARGE DATA (AMPERES @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (10.0V)	200A	100A	66.6A	50A	40A	20A	10A

CONSTANT POWER DISCHARGE DATA (WATTS @ 25°C)

Discharge Time	1h	2h	3h	4h	5h	10h	20h
Cut off voltage (10.0V)	2560W	1280W	853.7W	640W	512W	256W	128W

CERTIFICATIONS

CELL UN38.3	BATTERY UN38.3	TRANSPORT APPRAISAL UN3480,CLASS 9

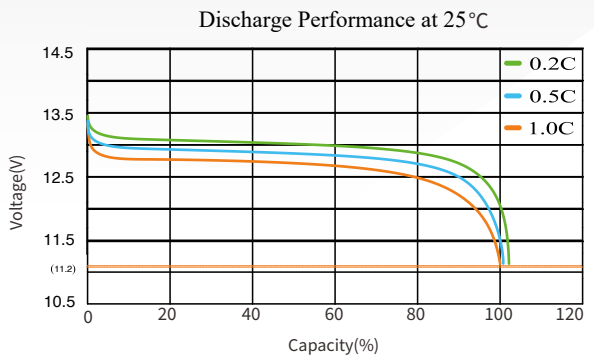
Master Battery, S.L.
Paseo de extremadura, 39, 28935 Móstoles, Madrid, España
Tel. +34 918 021 649
info@masterbattery.es / www.masterbattery.es

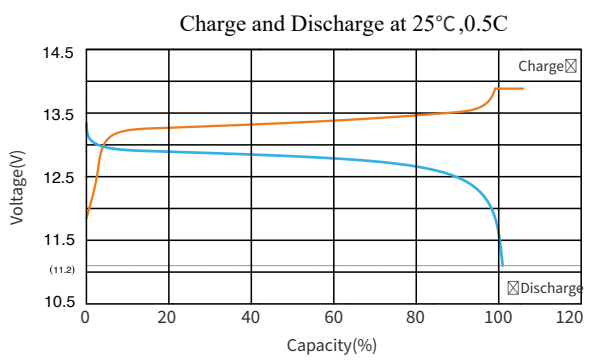
(h) MASTER BATTERY

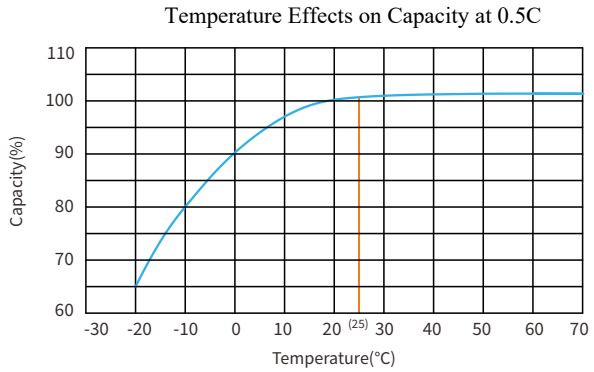
UE-12LI200-BA

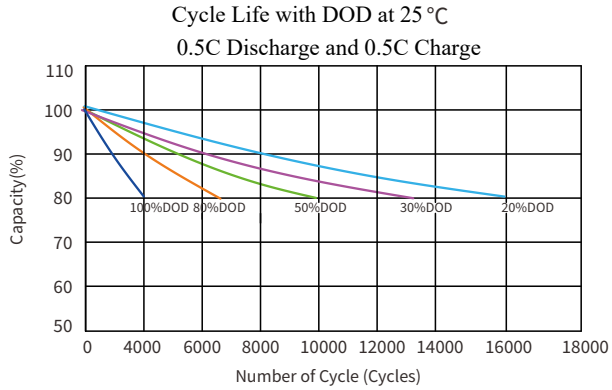
Safe and Efficient LFP (LiFePO4) Battery Solution 12.8V 200Ah

CHARACTERISTICS CURVE









CAUTIONS

1. Do NOT short circuit, crush or disassemble. Do NOT heat or incinerate. Do NOT immerse in any liquid.
2. Store at 50% capacity. Recharge every 3 months. The storage area should be clean, cool, dry and ventilated.
3. Disconnect charging source prior to connecting or disconnecting battery terminals.
4. Do not dispose of batteries in a fire as they can explode.
5. Do not open, alter, or mutilate batteries. Released electrolyte is harmful to skin and eyes. It may be toxic.
6. Do not mix different types and brands of lithium-ion batteries.
7. Do not dispose in trash, follow local regulations and manufacturer's instruction.
8. See installation instructions before connecting to the supply.
9. 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.

Master Battery, S.L.
Paseo de extremadura, 39, 28935 Móstoles, Madrid, España
Tel. +34 918 021 649
info@masterbattery.es / www.masterbattery.es

UE-12LI200-BA

Safe and Efficient LFP (LiFePO4) Battery Solution 12.8V 200Ah

10. Do not install on or over combustible surfaces.
11. Refer to manual before servicing.
12. Do not touch bare terminals.

Master Battery, S.L.
Paseo de extremadura, 39, 28935 Móstoles, Madrid, España
Tel. +34 918 021 649
info@masterbattery.es / www.masterbattery.es