

Specification of Mylion LiFe PO4 Mini UPS

Model : MA1202AC
Input Voltage: 110V/240V
Work Voltage: 12VDC.
Work Current: 2A Max
Nominal Capacity: 25.6Wh
Revision: A
Date: 2023.12.11
Customer:

Registered	Checked	Approved
Jun Zhang	Haitao liang	Henry Lv
2023.12.11		

Customer Approved		
Dept.	Signature	Date
QA Dep		
R&D Dept		
Approved		

LiFe PO4 Mini UPS Description:

Mylion LiFe PO4 Mini UPS is an Uninterruptible Power Supply which can be used as a standby energy back-up to power your device during a power outage. The system has certified the safest LiFe PO4 lithium ion battery, steady circuit performance and anti-fire plastic casing, over 2000times cycle life. Safety is paramount for us. For this type, Mylion specially set the AC input inside the unit, 110V/240V AC In, 12VDC Output, you needn't an extra AC Adaptor any more, you also can use it as a smart AC adaptor with battery backup.

LiFe PO4 Mini UPS Outlook:



LiFe PO4 Mini UPS Application:

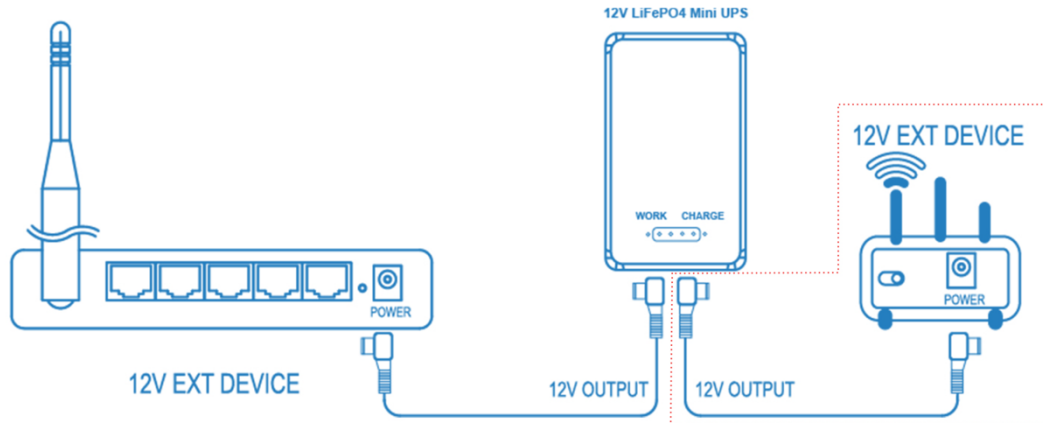
Smart LiFe PO4 mini dc ups widely used for WiFe Router, Modem, HUB, ONT, ONU, ISP, CPE, Voip phone, CCTV camera, IP camera, Monitor, Vending machine, Medical CPAP, Fingerprint, Facial recognition access control device, Door access, Street lighting, Smart home monitor, Fire safety system, Security monitoring system, Personal treatment monitor, Emergency lighting, Alarm system, Personal communication systems etc.

LiFe PO4 Mini UPS Feature:

- Smart: automatic shift & constant output voltage
- Small: as small as the Powerbank L126xW80xH42mm
- Smart IC control charge/discharge
- Safe: FR-ABS anti-fire plastic case, certified battery and circuit
- LiFe PO4 battery with over 2000times cycle life

How to use the LiFe PO4 Mini UPS?

Press SWITCH to ON before you operate anything.



Charge&Work LED Indicator:

Status	Input Power	Charge LED	Work LED
UPS is Fully Charged	Power On	Blue	Green
UPS is Charging	Power On	Blue Flashing	Green
UPS is Fully Charged	Power Off	No	Red
UPS has Discharged	Power Off	No	No

Remark: Automatically pass to the battery discharge while there is without input voltage or input voltage is under 11V

Battery Balance LED Indicator:

Battery Balance Power	LED1	LED2	LED3	LED4
100%	Green	Green	Green	Green
75%	Green	Green	Green	NO
50%	Green	Green	NO	NO
25%	Green	NO	NO	NO

Specification:

Style name	ML1202AC
Battery type	LiFe PO4 Battery- the safest lithium battery
Output voltage	12V
Battery capacity	25.6Wh
Input voltage	AC 110V-240V
Input current	2A Max
Working time	4-5 hours backup time for 12V0.5A device
	1-2hours backup time for 12V2A device
Charge port(IN)	AC Plug
Discharge port(OUT)	2pcs DC.5.5x2.5
LED indicator	4pcs LED Show battery condition
Switch	ON/OFF Switch/Put Switch to ON before you charge or discharge it
Case material	ABS Anti-fire plastic
Case color	White
Case material	Anti-fire ABS
Case dimension	L126xW80xT42mm
Weight	360g
Feature	Smart IC control, charge & discharge & temperature
	2pcs DC Output can bear 2 devices together
	AC Input, Optional transfer cable can offer different voltage output
Application	Router/CPE/ONT/ONU/HUB/Voip Phone/ IP Camera/Security System/Door Access
Gift box dimension	L170xW100xT85mm
Certification	CE,IEC62133,CB,EMC,ROHS,UKCE,FCC,UL Testing
Package	18pcs in a carton(35x21x30cm), about 9.5kgs/carton

Electrical Characteristics:

No.	Item	Technical Requirements	Remark
1	Input voltage	110V-240V	
2	Charging current	800mA±10%	For battery
3	Charging transfer efficiency	≥75%	
4	No-load voltage range	12.1V±5%	
5	Output current range	≤2000mA	
6	Discharging transfer efficiency	≥80%	
7	Over-discharged protection(battery)	5V	Over-discharged release 6V
8	Over-charged protection(battery)	7.3V	Over-charged release 8.4V
9	IC Control	Management of charge & discharge	
10	With load current(battery)	≤2000mA	

LiFe PO4 Mini UPS Package:

What's in the box:

1x Mylion mini dc ups

1x DC cable

1x Quick user manual

If customer need, we can customized package as demand.



Storage:

*Fully recharge before storing away.

*If stored away for a long period Mini UPS should be recharged once every 3-5months.

*Please do not store Mylion Mini UPS longer than 6 months storage temperature 0-45°C.

WARNING:

Please full charge and discharge once within 3-6months, or battery will be dead.

Please press SWITCH to ON before you do anything!!!

- 1 Please read the instructions carefully.
- 2 Do not attempt to disassemble Mylion Mini UPS.
- 3 Do not crush, puncture or expose to temperature above 60°C.
- 4 Do not expose to rain (Mylion Mini UPS unit isn't waterproof).
- 5 Do not use the wrong voltage adaptor.
- 6 Do not use the wrong voltage devices.
- 7 Do not connect the DC cable in wrong way.
- 8 Do not leave the mini dc ups to children.

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