Volthium

Alimentez le futur
Powering the future

USER MANUAL
2 BANK CHARGER



Volthium Energy inc. | T. 514.989.9586 | info@volthium.com | www.volthium.com

Volthium
Alimentez le futur
Powering the future

Before using your Volthium battery, please read the user manual and the datasheet specific to your battery.
You can find these documents by clicking on the following link: https://volthium.com/en/documents/
Any improper use of the product may void its warranty.
For any additional questions, please contact Volthium technical support.



Red-Charging, Green-Fully charged



AC power is connected and charger standby



-12V Short press the MODE button can select different battery types to charge

-12V Press and hold the MODE button down for 3-5 seconds when lithium battery has been depleted fully to wake the bms and charge



Recycle charging every 24 hours so that the battery stay full

Warning: Failure to follow instructions may result in damage to charger/battery.
READ ENTIRE MANUAL BEFORE USE.

IMPORTANT SAFETY INSTRUCTIONS

1. DO NOT expose the plug of ring terminals to rain or snow. DO NOT submerge the charger in water or use it when the AC plug is wet.
2. Pull the cord by the plug rather than by cord when disconnecting the unit from the power source.
3. DO NOT operate the charger with a damaged cord or plug, replace the cord or plug immediately.
4. DO NOT operate the charger if it has received a sharp blow, it has been dropped or otherwise damaged in any way. Damage to the power cable, the device or the charging cable increases the risk of an electrical shock. For inspection and repair, take the charger to a qualified technician.
5. DO NOT disassemble the charger. Incorrect assembly could result in an electrical shock or fire.
6. To reduce the risk of an electric shock, unplug the charger from the outlet before attempting any maintenance or cleaning. Turning off controls will not reduce risk.

PERSONAL PRECAUTIONS

a) Do not use battery charger for charging dry-cell batteries.

PREPARING TO CHARGE

a) When removing battery always remove grounded terminal from battery first.
Make sure all accessories are off and any connecting breaker is switched to the off position.
b) Determine voltage of battery making certain that battery posts are connected to corresponding charging leads;
ex: 12-voltbattery posts connected to 12-volt battery charger connecting leads.

CHARGER LOCATION

a) Do not set a battery on top of charger.
b) Mount Charger in most secure and protected area.

IMPORTANT SAFETY INFORMATION!

- Charge no other batteries than specified in TECHNICAL INFORMATION.
- Check the charger cables prior to use. Ensure that there are no cracks or exposed wires in the charger cables.
- Never charge a damaged battery.
- Never place the charger on top of the battery when charging.
- Avoid covering the charger.
- This charger is not designed for use by young children or people who cannot or understand the manual. Store and use the battery charger out of the reach of children and ensure that children cannot play with the charger.
- Do not extend the charge cable.

TECHNICAL SPECIFICATIONS

Rated AC Input	AC 105-125V, 60Hz
Charging voltage	14.4V±0.3V
Charging Current	10A each, 20A total
Battery Type	12V LiFePO4/Lead acid/AGM batteries
Ambient temperature	-20°C ~ 40°C