

## KD1MU LiFePO4 12.8V 20AH 40A Battery

- Quality LiFePP4 Battery designed for Ham Radio on-the-air portable operation,
- Low Noise makes it particularly good for HF Radio.
- XT60 power connection with 12 AWG Power Pole power adapter (output only)
- 6 cm 10 AWG power output cable from the battery to the XT60 connector.
- Nominal 12.8 volts, 20AH capacity (256 WH)
- 3000 charging cycles (discharging to 90%)
- 40amp Power Plate capable of
- 40amp continuous current
- Designed to provide 20amp with 40am peaks.
- Weighs 1.8 kilos / 4 lbs.
- 5mm x 2.1mm charging connector female or male charging cable and adapter.
- Charge with a Low Noise 14.6 Volt, 5A charger.
- Battery covering is water repellent, but not waterproof.
- The Battery does not require any maintenance except for charging.
- Use a charger designed for LiFePO4 batteries only.
- Operating temperature: Between -20°C to 60°C (-4°F to 140°F)
- The Battery BMS will protect the battery by cutting off power in the following conditions:
  1. Overheat
  2. Temperatures below operating conditions.
  3. Short circuit
  4. . Overcharging (above 14.3 volts)
  5. . Low voltage (under 9.2 volts)
- When using a solar charger, make sure your controller unit is designed for LiFePO4 batteries.
- The solar controller must provide 14.6 volts DC output.

- Battery may be in service and charged at the same time.
- Dimensions: 165 X 95 X 75 mm (6.5 X 3.75 X 3 inches)

Optional 14.6 Volt 5A Charger available