

12V 500W Battery

Specification Sheet

740009



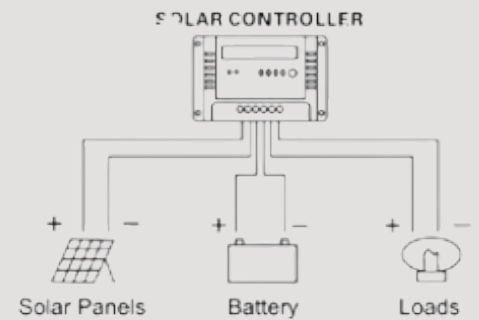
FEATURES

- Designed for high power density applications
- Small volume, light weight discharge efficiency
- Can be used for more than 260 cycles at 100% discharge in cycle service
- UL-recognized components under UL924 and certified by ISO 9001 and ISO 14001
- Built to comply with IEC 898-2, DIN 473534 BS 6290 OT4, Eurobat
- One year battery parts coverage

SPECIFICATIONS

Cells per unit: 6
 Voltage per unit: 12
 Capacity: 500W @ 15-minute rate to 1.67V per cell @ 77°F (25°C)
 Weight: Approximately 100.75 lb (45.7 kg)
 Maximum discharge current: 800 A (5 sec)
 Internal Resistance: Approximately 3.7 mΩ
 Operating temperature range:
 Discharge: 5°F~122°F (-15~50°C)
 Charge: 5°F~104°F (-15~40°C)
 Storage: 5°F~104°F (-15~40°C)
 Nominal operating temperature range: 77°F ~ 5°F (25°C~3°C)
 Float charging voltage: 13.5 to 13.8Vdc/unit, average at 77°F (25°C)
 Recommended maximum charging current limit: 50A
 Equalization and cycle service: 14.4 to 15.0Vdc/unit, average at 77°F (25°C)
 Self discharge: Batteries can be stored for six months at 77°F (25°C)

For use with Solar-powered applications



DIMENSIONS (H x W x D, in (mm))

