WP8-12

Specifications

Nominal Voltage (V) 12V

Nominal Capacity
- 20-hour rate (0.4A to 10.50V) 8Ah
- 10-hour rate (0.8A to 10.50V) 8Ah
- 5-hour rate (1.36A to 10.20V) 6.8Ah
- 1C (8A to 9.60V) 3.6Ah
- 3C (24A to 9.60V) 2.88Ah

Weight 2.678kg (5.91Lbs.)

Internal Resistance (at 1KHz) 19 mΩ

Maximum Discharge Current for 30 seconds: 160A

Maximum Discharge Current for 5 seconds: 320A

Operating Temperature Range
- Charge: 0°C (32°F) to 40°C (104°F)
- Discharge: -15°C (5°F) to 50°C (122°F)
- Storage: -15°C (5°F) to 40°C (104°F)

Charge Retention (shelf life) at 20°C (68°F)
- 1 month 92%
- 3 month 90%
- 6 month 80%

Charging Methods at 25°C (77°F)
- Cycle use:
  - Charging Voltage: 14.4 to 15.0V
  - Maximum Charging Current: 2.4A
- Standby use:
  - Float Charging Voltage: 13.50 to 13.80V
  - No current limit required

Life expectancy:
- Cycle Use:
  - 100% depth of discharge 250 cycles
  - 80% depth of discharge 350 cycles
  - 50% depth of discharge 550 cycles
- Standby Use: 3 ~ 5 years

Case Material ABS (94-HB & 94V-0 flame retardant case)

Terminal F1 or F2

Discharge Time VS. Discharge Current (25°C)