WP18-12IE

Specifications

Nominal Voltage (V) 12V

Nominal Capacity
- 20hour rate (0.9A to 10.50V) 18Ah
- 10hour rate (1.8A to 10.50V) 17.1Ah
- 5hour rate (3.06A to 10.20V) 15.3Ah
- 1C (18A to 9.60V) 12.6Ah
- 3C (54A to 9.60V) 9.18Ah

Weight 6.283kg(13.82Lbs.)

Internal Resistance (at 1KHz) 10 mΩ

Maximum Discharge Current for 30 seconds: 360A

Maximum Discharge Current for 5 seconds: 720A

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: 5.4A
- Standby use:
  Float Charging Voltage 13.50 to 13.80V

Life expectancy:
- Cycle Use:
  100% depth of discharge 225 cycles
  80% depth of discharge 250 cycles
  50% depth of discharge 750 cycles
- Standby Use: 3~5years

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

Terminal F3

Discharge Time VS. Discharge Current (25°C)