



NP1.2-12FR SPECIFICATION SHEET

Specifications

1) Nominal Voltage	12V
2) Nominal Capacity	
20 hour rate 60 ma to 10.50V	1.2 Ah
10 hour rate 110 ma to 10.50V	1.1 Ah
5 Hour rate 200 ma to 10.20V	1.0 Ah
1 Hour rate 700 ma to 9.60V	0.7 Ah
3) Weight (approx.)	570gm
4) Energy Density (20Hr rate)	62 Wh / litre
5) Specific Energy (10Hr rate)	25 Wh / Kg
6) Internal Resistance (approx.)	120 mohms (approx)
7) Maximum Discharge Current	40 A
8) Maximum Short Duration Discharge Current	45 A
9) Operating Temperature Range	
Charge:	-15°C to 50°C
Discharge:	-20°C to 60°C
10) Charge Retention at 20°C	
1 month	97%
3 months	91%
6 months	85%
11) Life Expectancy (standby use) 3 to 5 years @ 20°C	
12) Sealed Construction	can be operated/charged without leakage
13) Standard Terminal	Faston Tab 187
14) Housing Material	ABS to VO (UL94)

Dimensions

Length	97.0 mm	±1 mm
Width	48.0 mm	±1 mm
Height	51.0 mm	±2 mm
Height	54.5 mm	±2 mm