



YUCEL Y7-12 SPECIFICATION SHEET

Specifications

1) Nominal Voltage	12V
2) Nominal Capacity	
20 hour rate 350 ma to 10.50V	7.0 Ah
10 hour rate 650 ma to 10.50V	6.5 Ah
5 Hour rate 1190 ma to 10.20V	5.95 Ah
3 Hour rate 1810 ma to 10.02V	5.43 Ah
1 Hour rate 4200 ma to 9.60V	4.2 Ah
3) Weight (approx.)	2800gm
4) Energy Density (20Hr rate)	91 Wh / litre
5) Specific Energy (10Hr rate)	30 Wh / Kg
6) Internal Resistance (approx.)	30 mohms (approx)
7) Maximum Discharge Current	40 A
8) Maximum Short Duration Discharge Current	210 A
9) Operating Temperature Range	
Charge:	-15°C to 40°C
Discharge:	-20°C to 50°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 @ 2°C	
12) Sealed Construction	can be operated/charged without leakage
13) Standard Terminal	Faston Tab 187
14) Housing Material	ABS resin

Dimensions

Length	151.0 mm	±1 mm
Width	65.0 mm	±1 mm
Height	97.5 mm	±2 mm