



## YUCEL Y2.8-12 SPECIFICATION SHEET

### Specifications

1) Nominal Voltage	12V
2) Nominal Capacity	
20 hour rate 140 ma to 10.50V	2.8 Ah
10 hour rate 259 ma to 10.50V	2.6 Ah
5 Hour rate 476 ma to 10.20V	2.4 Ah
1 Hour rate 1680 ma to 9.60V	1.7 Ah
3) Weight (approx.)	1100 gm
4) Energy Density (20Hr rate)	62.5 WH/litre
5) Specific Energy (20Hr rate)	30 WH/ Kg
6) Internal Resistance (approx.)	58 mohms (approx)
7) Maximum Discharge Current	40 A
8) Maximum Short Duration Discharge Current	100 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 resin

### Dimensions

Length	134 mm	±1 mm
Width	67 mm	±1 mm
Height	64 mm	±2 mm