



YC33-12 SPECIFICATION SHEET

Specifications

1) Nominal Voltage	12V
2) Nominal AH / Cell @25°C	
20 hr rate to 1.8V / cell	35 Ah
10 hr rate to 1.8 V / cell	33 Ah
5 hr rate to 1.75 V / cell	28.9 Ah
1 hr rate to 1.6 V / cell	21.3 Ah
3) Weight (approx.)	11.2 Kg
4) Internal Resistance (approx.)	11 mohms
5) Maximum Short Duration Discharge Current (5s)	495A
6) Operating Temperature Range	
Charge:	0°C to 40°C
Discharge:	-25°C to 50°C
7) Constant Voltage Charging (20°C)	2.4 ~ 2.5vpc Cyclic 2.275±0.005vpc Float
8) Life Expectancy (cyclic use)	200 x 100% DoD to 80% Cr 500 x 50% DoD to 80% Cr 1200 x 30% DoD to 80% Cr
9) Sealed Construction	can be operated without leakage
10) Terminal	Threaded terminal M6 bolt
11) Torque setting	4 – 5.4 Nm
11) Housing Material	ABS

Dimensions

Length	195 mm	±2 mm
Width	130 mm	±2 mm
Height	170 mm	±2 mm