



SY6GC-240 (6V/240AH)

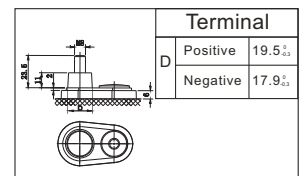
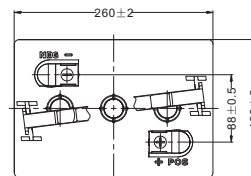
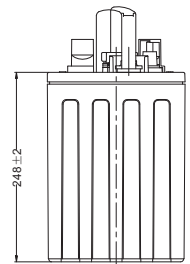
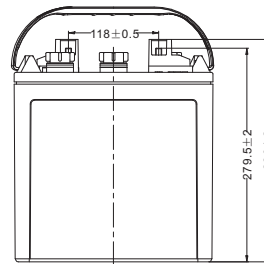
Physical Specification

Nominal Voltage	6V
Nominal Capacity(20HR)	240Ah
Nominal Capacity(5HR)	195Ah
Length	260±2mm(10.24inches)
Width	180±2mm(7.09inches)
Container Height	248±2mm(9.76inches)
Total Height	279.5±2mm(11.00inches)
Dry Weight	Approx 22.0Kg(48.5lbs)
Wet Weight	Approx 29.7Kg(65.5lbs)
Acid	1.280±0.015g/cm ³ (25°C)
Standard Terminal	DT-M8(A)
Container Material	PP

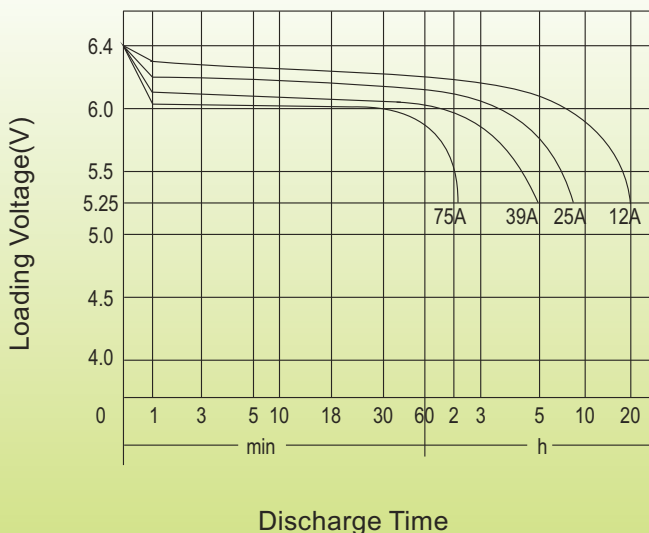


Electrical Specification

Rated Capacity	20 hour rate(12.0A)	240Ah
	5 hour rate(39.0A)	195Ah
Reserve Capacity	25Amps	485min
	75Amps	130min



Discharge Characteristics(25°C , 77°F)



Charge Method

Initial Charge:

- ① 0.1C₂₀ (A) charging 15h
- ② 0.05C₂₀ (A) charging 10h

The temperature of the battery should be below 50°C during charging.

Supplement Charge:

- a) Charging at a constant voltage of 7.35~7.5V/cell and a limited current 0.25C₂₀ (A) until the electrolyte density up to 1.280g/cm³ (30) and the current does not change for 3 hours.
 - b) Charge with constant current 0.1C₂₀ (A) until the voltage between 7.8~8.4V/cell, and voltage maintains for 3 hours and not change.
- Two method optional