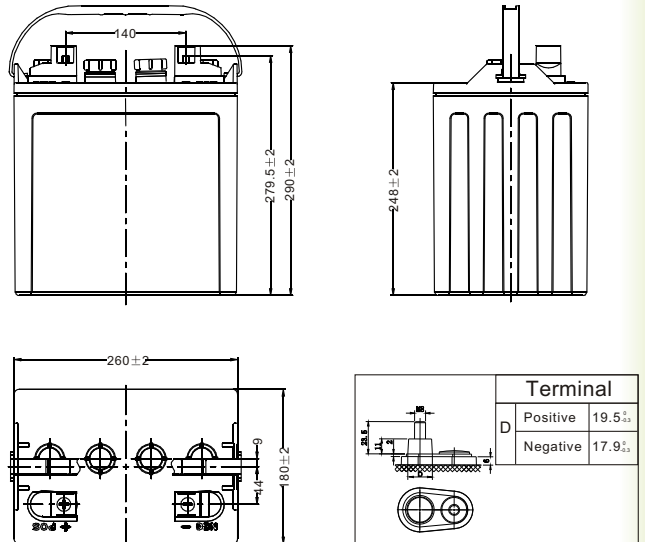


Physical Specification

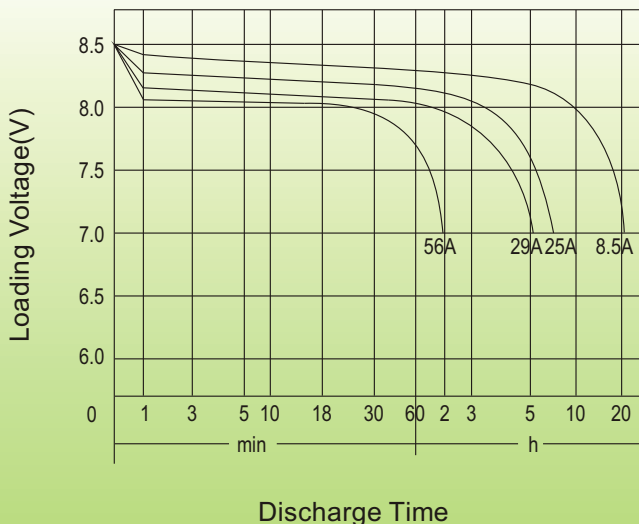
| | |
|------------------------|-------------------------------------|
| Nominal Voltage | 8V |
| Nominal Capacity(20HR) | 170Ah |
| Nominal Capacity(5HR) | 145Ah |
| Length | 260±2mm(10.24inches) |
| Width | 180±2mm(7.09inches) |
| Container Height | 248±2mm(9.76inches) |
| Total Height | 279.5±2mm(11.00inches) |
| Dry Weight | Approx 20.0Kg(44.1lbs) |
| Wet Weight | Approx 27.6Kg(60.9lbs) |
| Acid | 1.280±0.015g/cm ³ (25°C) |
| Standard Terminal | LPT |
| Container Material | PP |



Electrical Specification

| | | |
|------------------|--------------------|--------|
| Rated Capacity | 20 hour rate(8.5A) | 170Ah |
| | 5 hour rate(29A) | 145Ah |
| Reserve Capacity | 25Amps | 295min |
| | 56Amps | 117min |

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 9.8~10V/cell and a limited current 0.25C₂₀ (A) until the electrolyte density up to 1.280g/cm³ (30°C) and the current not change for 3 hours.

b) Charge with constant current 0.1C₂₀ (A) until the voltage between 10.4~11.2V/cell, and voltage maintains for 3 hours and not change.

Two method optional