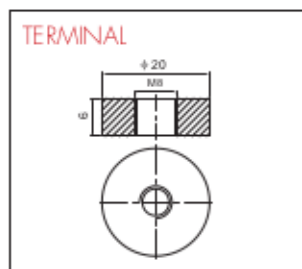
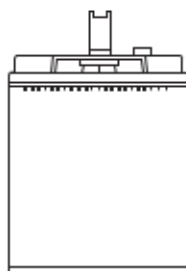
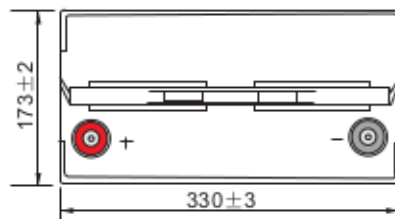


Specifications

Nominal Voltage	12v
Nominal Capacity (20 Hr)	120AH
Length	330mm
Width	173mm
Height	212mm
Total Height	220mm
Weight	31.2Kg
Max Discharge Current	1200A (5 Sec)
Container Material	ABS resin
Internal Resistance	4.5mΩ
Initial Charging Current	Less than 30A
Rated Capacity (+/- 5%)	99 AH (5hr, 1.75V/cell, 25°C/77°F) 120 AH (20h, 1.75V/cell 25°C/77°F) 126.2 AH (100hr, 1.75V/cell, 25°C/77°F)
Operating temperature range	
Charge:	0~40°C (32~104°F)
Discharge:	-15~50°C (5~122°F)
Storage:	-15~40°C (5~104°F)
Charge retention (shelf life) at 20°C (68°F)	
1 month	97%
3 months	91%
6 months	85%

Dimensions



FEATURES

- Superb recovery from deep discharge.
- Gas Recombination.
- Multipurpose: Float or Cyclic use.
- Lead calcium grids for extended life.

Sealed Construction

Sterling's unique construction and sealing technique ensures no electrolyte leakage from case or terminals.

Electrolyte Suspension System

All HP series batteries utilise Sterling's unique electrolyte suspension system incorporating a microfiber glass mat to retain the maximum amount of electrolyte in the cells. The electrolyte is retained in the separator material and there is no free electrolyte to escape from the cells.

Control of Gas Generation

The design of HP series batteries incorporates the very latest oxygen recombination technology to effectively control the generation of gas during normal use.

Terminals

Sterling's HP series batteries are manufactured using a range of terminals which vary in size and type. Please see diagram opposite.

Valve Regulated Design

The batteries are equipped with a simple, safe low pressure venting system which releases excess gas and automatically reseals should there be a build up of gas within the battery due to severe overcharge. Note. On no account should the battery be charged in a sealed container.