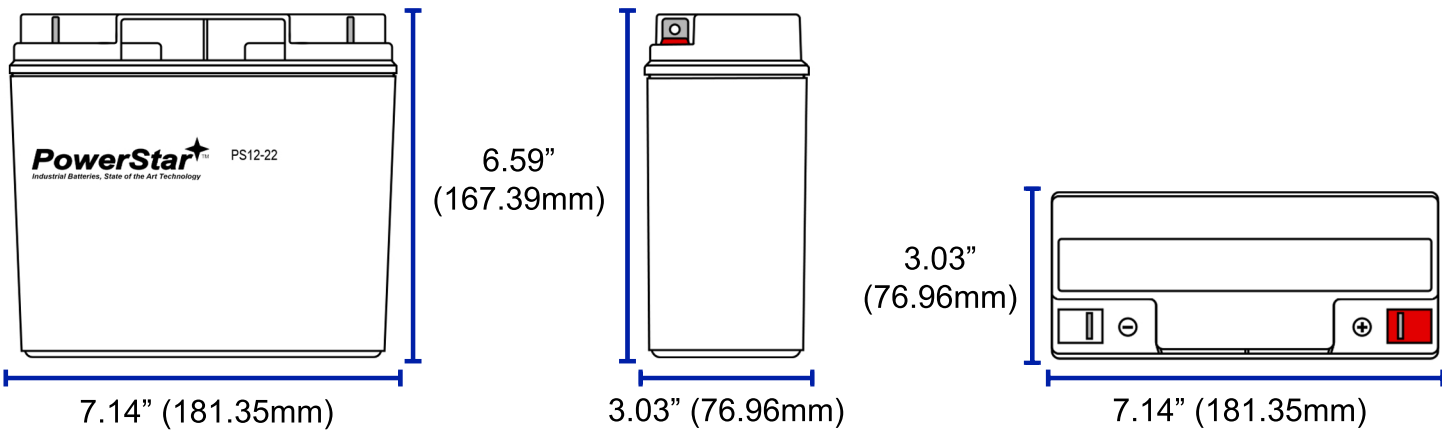


PS12-22 Specifications

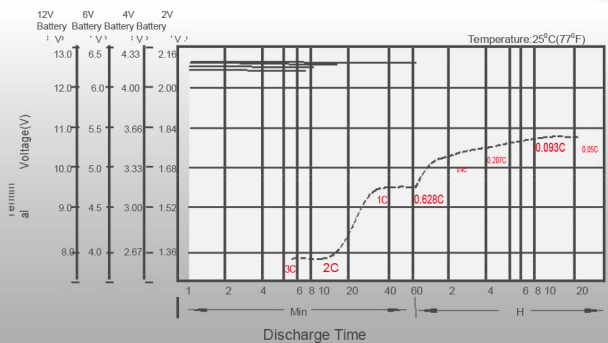
Nominal Voltage=	12 V
Nominal Capacity(20HR)=	22 Ah
Dimensions=	Length= 181.35 mm (7.14")
	Width= 76.96 mm (3.03")
	Height= 167.39 mm (6.59")
Weight=	6.2 kg (13.66 lbs)
Terminal Type=	T3 / T12
Container Material=	ABS
Rated Capacity=	22.0 AH/1.00A (20hr, 1.80V/cell, 25°C/77°F)
	18.6 AH/1.86A (10hr, 1.80V/cell, 25°C/77°F)
	17.0 AH/3.40A (5hr, 1.75V/cell, 25°C/77°F)
	15.3 AH/5.10A (3hr, 1.75V/cell, 25°C/77°F)
	12.56 AH/12.56A (1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current=	300A (5s)
Internal Resistance=	Approx. 15mΩ
Operating Temp. Range=	Discharge= -15~50°C (5~122°F)
	Charge= 0~40°C (32~104°F)
	Storage= -15~40°C (5~104°F)
Nominal Operating Temp. Range=	25±30°C (77±50°F)
Cycle Use=	Initial Charging Current less than 6.0A. Voltage 14.4V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C No limit on
Standby Use=	Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient -20mV/°C
Capacity affected by Temperature=	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge=	PowerStar Batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.



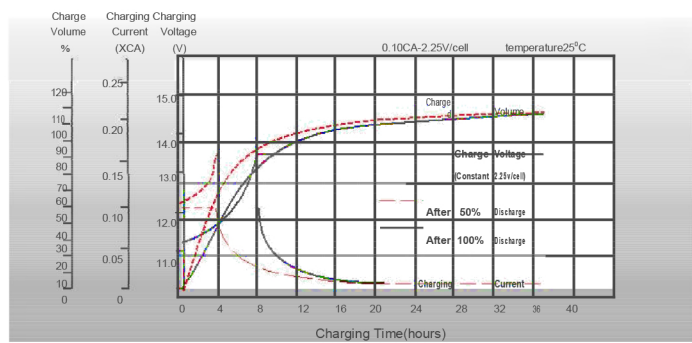
DIMENSIONS



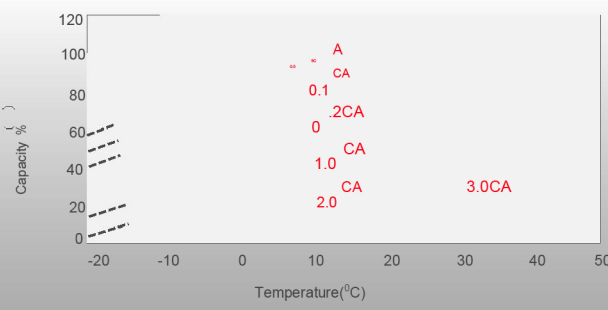
Discharge Characteristics



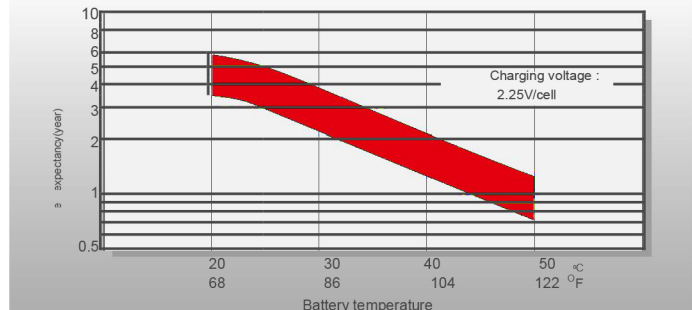
Float Charging Characteristics



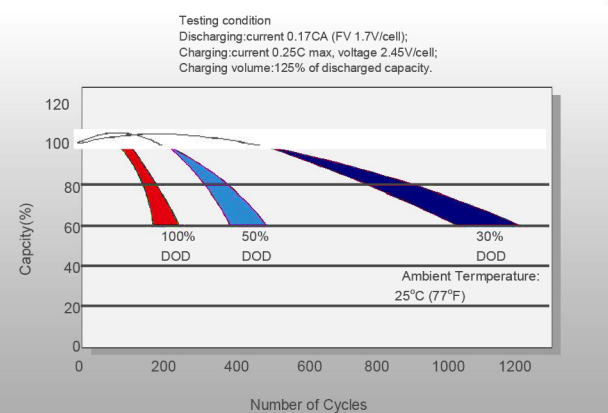
Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics

