



Battery Specification Sheet

SLA1146

Technical Specifications

Nominal Voltage	12 V
Nominal Capacity	26 Ah (20 Hr Rate)
Chemistry	Lead Acid - AGM

Physical Specifications

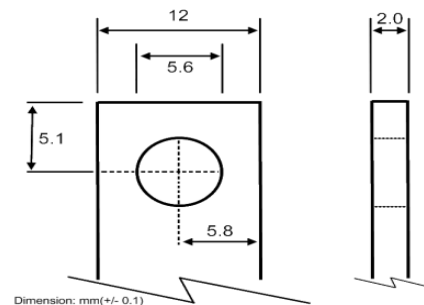
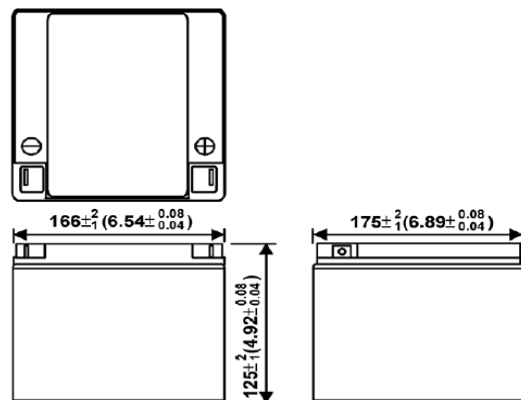
Length:	175 mm	6.89 in.
Width:	166 mm	6.54 in.
Height:	125 mm	4.92 in.
Weight	8 Kg	17.6 lbs
Terminal Type	NB	
Case Material	Black ABS	

Charging Specifications

	Bloc	Per Cell
Charge Voltage	Float 13.5~13.8	2.25~2.30
(constant)	Cycle 14.4~14.7	2.40~2.45
Max. Charge Current		7.8 A
Approx Final Charge Current (2.25 v/c Float)		0.05 A
Approx Final Charge Current (2.45 v/c Float)		0.25 A

Capacity Specifications

Cut-off Voltage	20 Hr R (1.3A)	26 Ah
1.75 volts/cell @ 25°C	10 Hr R (2.39A)	23.9 Ah
1.75 volts/cell @ 25°C	5 Hr Ra (4.16A)	20.8 Ah
1.67 volts/cell @ 25°C	1 Hr Ra (15.6A)	15.6 Ah
Discharge Current		260 A
(5 seconds maximum)		
Self Discharge	6 months @ 25°C	
(to 80% capacity)		
Internal Resistance		<10 mΩ

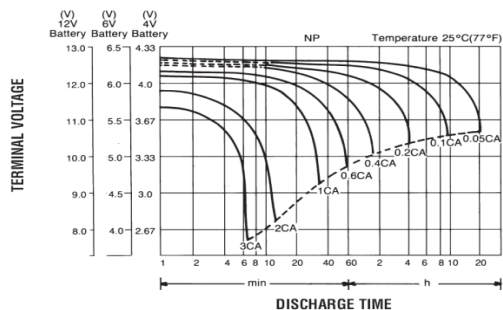




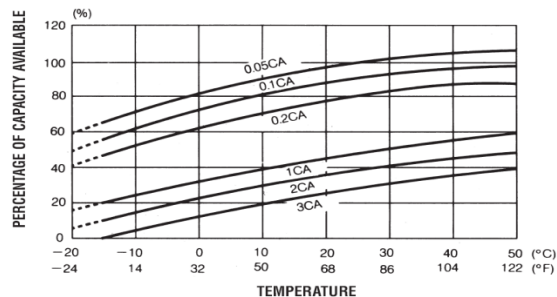
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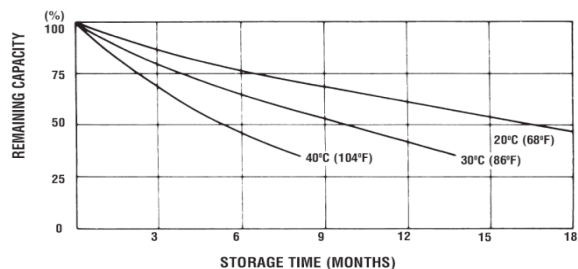
DISCHARGE CHARACTERISTIC CURVES AT 25°C (77°F)



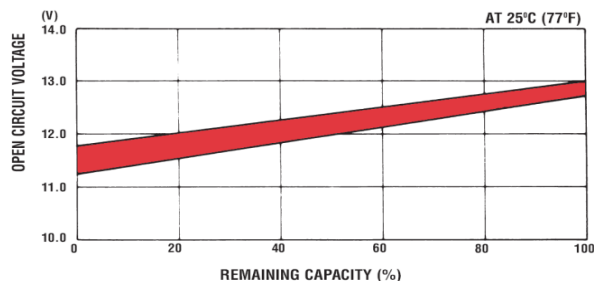
TEMPERATURE EFFECTS IN RELATION TO BATTERY CAPACITY



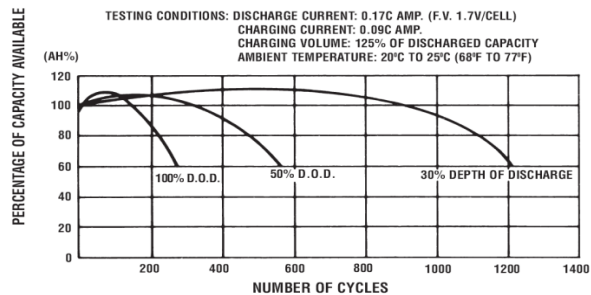
SELF DISCHARGE CHARACTERISTICS



OPEN CIRCUIT VOLTAGE VS REMAINING CAPACITY



CYCLE SERVICE LIFE IN RELATION TO DEPTH OF DISCHARGE



FLOAT SERVICE LIFE

