

PowerStarTM

Sealed Maintenance Free Battery for Motorcycle

Industrial Batteries, State of the Art Technology

- FEATURE
- High capacity ,Long life

• Sealing structure of PP materials

• High CCA and good starting performance

• maintenance-free design

• Low self-discharge

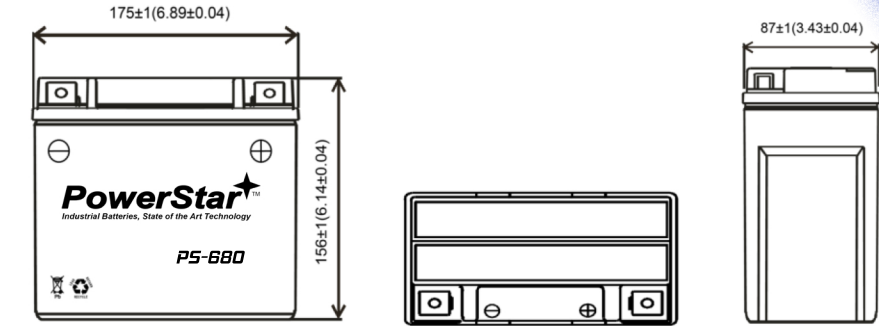
• C.O.S Application

PS-680

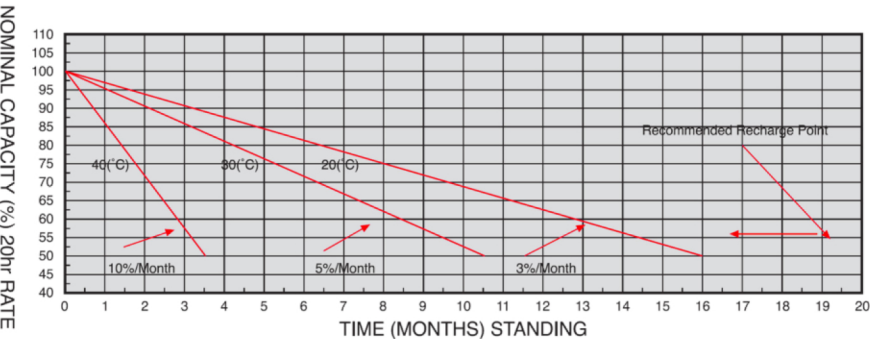
SPECIFICATION

Cell per unit	6
Nominal Voltage (V)	12
Nominal Capacity (Ah)	20Ah @ 10hour rate F.V(1.75/cell)
Weight	Approx6.10kg(13.44Lbs.)
Polarity:	- +
Acid Volume:	1272 grams
Charge Current :	2 Amps
C.C.A./-18℃:	310

DIMENSIONS	Length	Width	Height
Unit: mm	175±1	87±1	156±1
Unit: inch	6.89±0.04	3.43±0.04	6.14±0.04

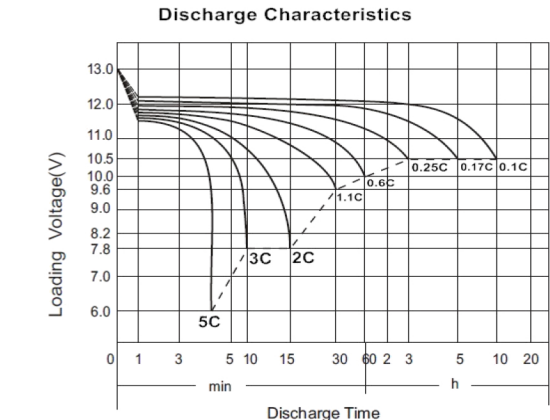


SELF DISCHARGE AND CAPACITY OF AGM BATTERIES



CAPACITY	VOLTAGE
100%	V > 13.0V
90%	12.80 < V < 13.00
80%	12.65 < V < 12.80
70%	12.50 < V < 12.65
60%	12.35 < V < 12.50
50%	12.20 < V < 12.35
40%	12.05 < V < 12.20
30%	11.90 < V < 12.05
20%	11.75 < V < 11.90
10%	11.60 < V < 11.75

DISCHARGE CHARACTERISTICS



CHARGING METHODS

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Full Charge	Constant-Voltage Charge: Initial charging current: less than 0.3C Voltage:14.40 V ~ 15.00 V at 25℃ (77 ℉) Charging time: 15 ~18h
	Constant-Current Charge: Charging current: 0.1C, when charging voltage up to 14.40V, continue to charge 4h
Floating Charge	No limit on Initial charging current Voltage: 13.50 V ~ 13.80 V at 25℃ (77 ℉)

