



SMART ENERGY

Motorcycle Battery

12N6.5-BS

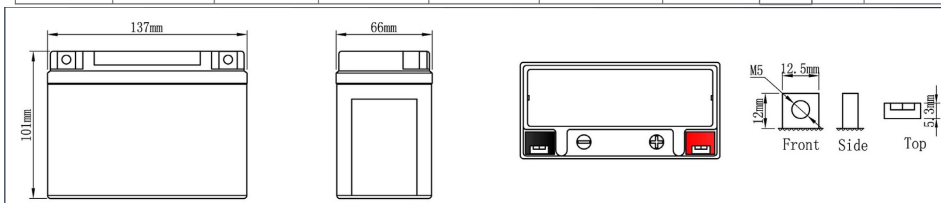
General Features

- ▶ Maintenance-free design
- ▶ Sealing structure of ABS materials
- ▶ Low self-discharge
- ▶ High CCA and good starting performance



Specifications

Nominal Voltage	Nominal Capacity (10HR)	Dimension			Weight $\pm 2\%$	Internal Resistance (m Ω)	CCA		Standard Terminals
		L	W	H			(-18 $^{\circ}$ C)	(25 $^{\circ}$ C)	
12V	6.5AH	137 $\pm$ 2mm	66 $\pm$ 2mm	101 $\pm$ 2mm	Approx 1.95kg (4.30lbs)	16.5	80	130	Q52



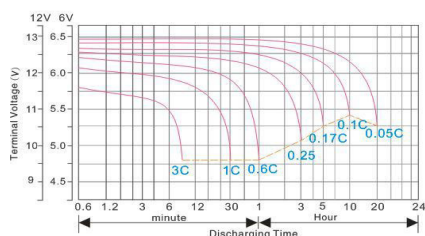
Charging Methods

Capacity Affected By Temperature	
40 $^{\circ}$ C(104 $^{\circ}$ F)	103%
25 $^{\circ}$ C(77 $^{\circ}$ F)	100%
0 $^{\circ}$ C(32 $^{\circ}$ F)	86%

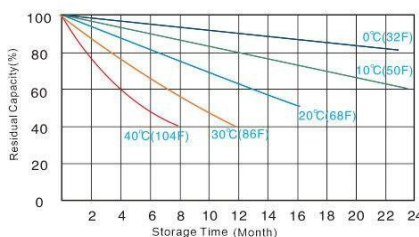
Charging Methods	
Constant-Current Charge	Charging current: 0.1C, when charging voltage up to 15.8V, continue to charge 4h.
Floating Charge	Charging current less than 0.25C Voltage: 13.60V~ 13.80V @ 25 $^{\circ}$ C (77 $^{\circ}$ F)

Performance Characteristics

Discharge Characteristic (25 $^{\circ}$ C/77 $^{\circ}$ F)



Self Discharge Characteristics



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