

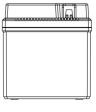
# Starter batteries for motorcycles LFPS-Z10S [12.8V4Ah]

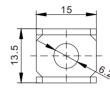
## **Physical Specification**

Nominal Voltage		12.8V
Nominal Capacity		4.0Ah
Dimension	Length	150±2mm (5.91 inches)
	Width	$87\pm2\text{mm}$ (3.43 inches)
	Container Height	$93\pm2\text{mm}$ (3.66 inches)
	Total Height (with Terminal)	93±2mm (3.66 inches)
Weight	Approx 0.79kg (1.74lbs)	

93.0±2  $87.0 \pm 2 -$ 0 

 $150.0\pm2$ 





- \* Motorcycle Li-ion battery
- \* Powerful 280 cranking amps
- \* Shipped pre-charged and ready to install
- \* Built in BMS to monitor the battery status in real time and protect the battery
- \* Replaces YTZ10S battery

**Dimensions (mm)** 

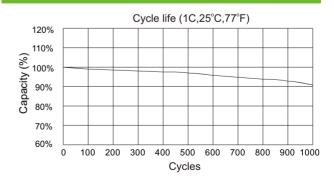
## **Electrical Specification**

Rated Capacity	0.1C rate (0.4A) 0.5C rate (2.0A) 10C rate (40.0A) 70C rate (280.0A)	4.0Ah 4.0Ah 3.6Ah Peak Current
Capacity affected by Temperature	40 °C (104 °F) 25 °C (77 °F) 0 °C (32 °F) -20 °C (-4 °F)	98% 100% 85% 60%
Self Discharge	Approximately 1.5% per month (25°C (77°F))	
Charging Methods	Constant-Voltage Charge:  Full Charge Initial charging current: less than 2.0A  Voltage: 14.40 V ~ 14.60 V at 25 °C (77 °F)	



#### Discharge Characteristics (25°C,77 °F) 14.5 14.0 13.5 13.0 12.5 12.0 11.5 11.0 10.5 10.0 9.5 9.2 Battery Voltage(V) 8.5 8.0 0% -2.0A 40.0A 10% 20% 30% 50% 60% 70% 80% 90% 100% 110% 40% Capacity(%)

#### **Curve Specification**



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Subject to revisions without prior notice.

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