

## MOTUMX32RBS Motorcycle Battery Specification

### YTX20-BS (12V18AH)



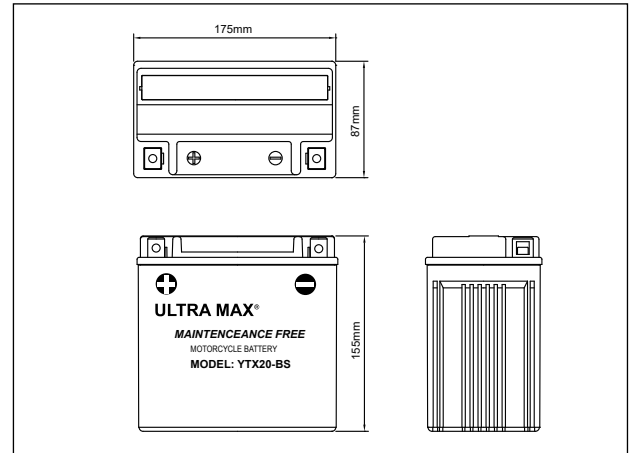
#### Specifications

Nominal Voltage	12V	
Rated capacity (10-hour rate)	18Ah	
Dimensions (±2mm)	Total Height	155mm
	Height	155mm
	Length	175mm
	Width	87mm
Weight Approx.	5.8kg	
Acid Volume	0.93l	
Charge Current	1.8A	
Max Charge Voltage		
Terminal Type	4	

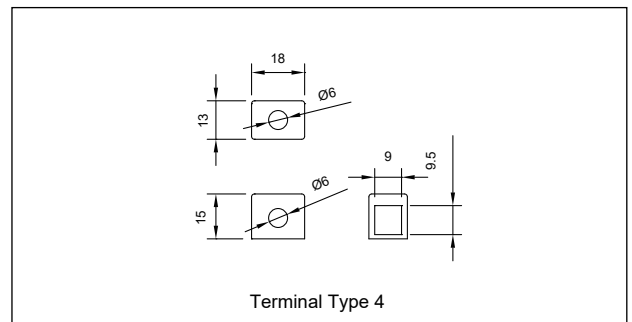
#### Characteristics

Capacity 25°C	10-hour rate(1.8A to 10.5V)	18.0Ah
	5-hour rate(3.6A to 10.2V)	14.4Ah
Internal Resistance (at 1KHz Approx.)	1C(18A to 9.6V)	10.8Ah
	3C(54A to 9.6V)	7.2Ah
		4.8mΩ
Cold Cranking Amperes (-18°C/-0.4°F IEC Standard)		180A
Operating Temperature Range	0°C to 40°C	Charge
	-18°C to 50°C	Discharge
	-15°C to 40°C	Storage
Charge Retention (Shelf Life) at 20°C	1-month storage	90%
	3-month storage	85%
	6-month storage	80%
Life Expectancy (Cycle Use)	100% depth of discharge	120 cycles
	80% depth of discharge	160 cycles
	50% depth of discharge	240 cycles
Electrolyte	H <sub>2</sub> SO <sub>4</sub> (ρ=1.32, 25°C)	
Case Material	ABS	
Separator	AGM	

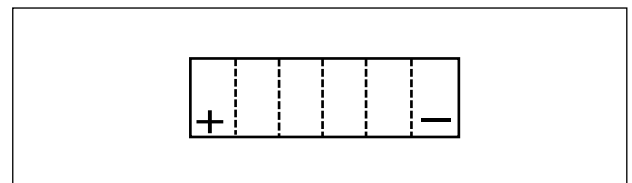
#### Outer dimensions (mm)



#### Terminal Type (mm)



#### Cell Assembly Layout



(V)

#### Discharge Curves at 25°C

