

MOTUMX327BS Motorcycle Battery Specification

YTX7L-BS (12V7AH)



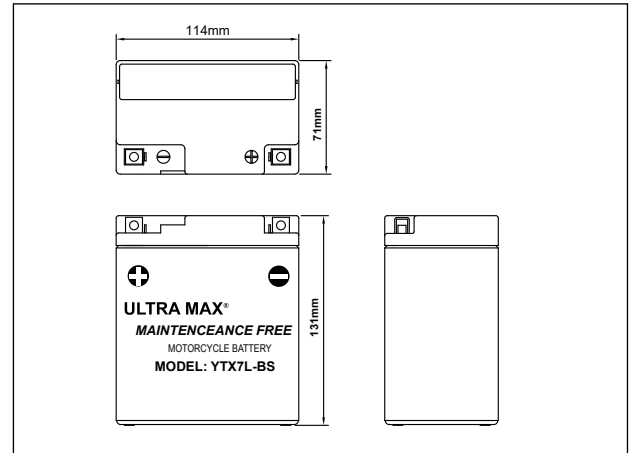
Specifications

Nominal Voltage	12V	
Rated capacity (10-hour rate)	7Ah	
Dimensions (±2mm)	Total Height	131mm
	Height	131mm
	Length	114mm
	Width	71mm
Weight Approx.	2.4kg	
Acid Volume	0.33l	
Charge Current	0.7A	
Max Charge Voltage	14.8V	
Terminal Type	5	

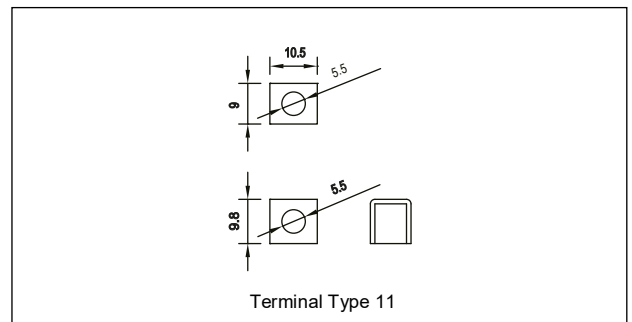
Characteristics

Capacity 25°C	10-hour rate(0.7A to 10.5V)	7.2Ah
	5-hour rate(1.4A to 10.2V)	5.6Ah
	1C(7A to 9.6V)	3.6Ah
	3C(21.0A to 9.6V)	2.8Ah
Internal Resistance (at 1KHz Approx.)	6.7mΩ	
Cold Cranking Amperes (-18°C/-0.4°F IEC Standard)	70A	
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 ₂ SO ₄ (ρ=1.32, 25°C)	
Case Material	ABS	
Separator	AGM	

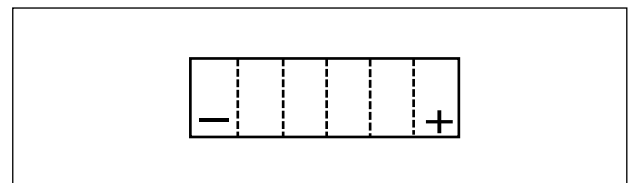
Outer dimensions (mm)



Terminal Type (mm)



Cell Assembly Layout



Discharge Curves at 25°C

