

RM12-40

Unit:mm(± 0.50)

Technical Specifications

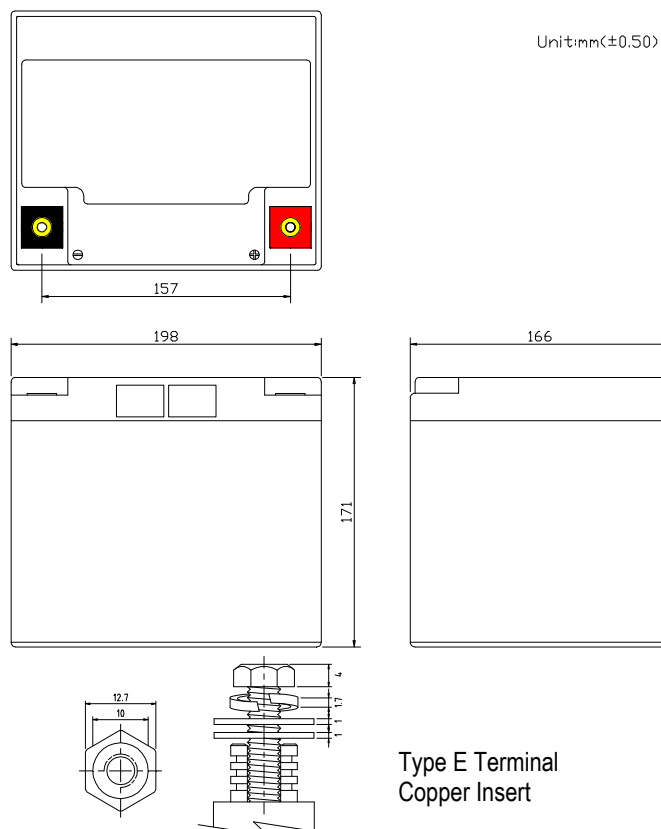
Nominal Voltage	12V
Nominal Capacity	40.0AH(20HR)
Dimension	
Length	7.80inches(198mm)
Width	6.54inches(166mm)
Height	6.73inches(171mm)
Total Height /w Terminal	6.73inches(171mm)
Weight	Approx 31.53lb(14.33kg)
Standard terminal	Type E

Capacity Specifications

Cut Off Voltage	20Hr Rate(2.0A)	40.0AH
1.75v/c@25°C	10Hr Rate(3.68A)	36.8AH
1.75v/c	5Hr Rate(6.4A)	32.0AH
1.67v/c	1Hr Rate(24A)	24.0AH
1.67v/c	15Min Rate(80A)	20.0AH

Charging Specifications

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Charge Voltage(<i>constant</i>)	Float	13.5~13.8
	Cycle	14.4~15.0
Internal Resistance (Fully Charged Battery)	< 7m Ω	
Discharge Current Amps (5 seconds maximum)	400	
Max.Charge Current	12.0A	
Approx Final Charge Current (2.25v/c Float)	0.08(80mA)	
Approx Final Charge Current (2.45v/c Float)	0.40(400mA)	
Self Discharge	6 Months@25°C	



Actual Wattage Capacity at Various Discharges (Voltage @25°C)

Cut Off Voltage	Time	Time					
		5min	10min	15min	30min	45min	60min
9.6V	W	1920.0	1248.0	960.0	552.0	407.2	312.0
9.9V	W	1858.4	1223.2	940.8	546.4	405.0	308.8
10.2V	W	1778.4	1195.2	920.0	539.2	397.4	304.8
10.5V	W	1673.6	1153.6	892.0	527.2	389.6	299.8
10.8V	W	1446.4	1064.8	852.8	508.0	370.0	291.1

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