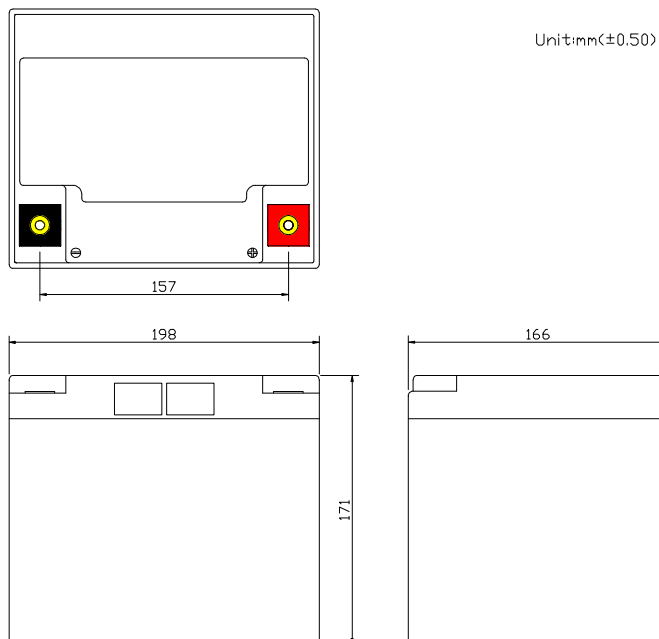


## RM12-40DC

Unit:mm( $\pm 0.50$ )

### Technical Specifications

Nominal Voltage	12V
Nominal Capacity	40.0AH(20HR)
Dimension	
Length	7.80inches(198mm)
Width	6.54inches(166mm)
Height	6.74inches(171mm)
Total Height /w Terminal	6.74inches(171mm)
Weight	Approx 31.53lb(14.33kg)
Standard terminal	Type E

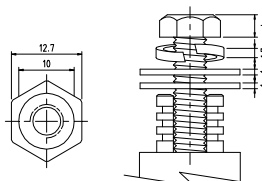


### Capacity Specifications

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)	32AH
1.67v/c	1Hr Rate(24A)	24AH
1.67v/c	30Min Rate(44A)	22AH

### Charging Specifications

		Bloc
Charge Voltage( <i>constant</i> )	Float	13.5~13.8
	Cycle	14.4~15.0
Internal Resistance (Fully Charged Battery)	< 7mΩ	
Discharge Current Amps (5 seconds maximum)	400	
Max.Charge Current	12.0A	
Self Discharge	6 Months@25°C	



Type E Terminal  
Copper Insert



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

Cut Off Voltage	Time	Time					
		5min	10min	15min	30min	45min	60min
9.6V	W	1881.6	1223.0	940.8	541.0	399.1	305.8
9.9V	W	1821.2	1198.7	922.0	535.5	396.9	302.6
10.2V	W	1742.8	1171.3	901.6	528.4	389.5	298.7
10.5V	W	1640.1	1130.5	874.2	516.7	381.8	293.8
10.8V	W	1417.5	1043.5	835.7	497.8	362.6	285.3

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Rev. 100719