

Technical Specifications

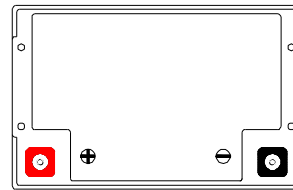
Nominal Voltage	12V
Nominal Capacity	80.0AH(20HR)
Dimension	
Length	10.18inches(258.5mm)
Width	6.50inches(165mm)
Height	8.19inches(208mm)
Total Height /w Terminal	8.27inches(210mm)
Weight	Approx 53.68lbs(24.4kg)
Standard terminal	Type E (M6)

Capacity Specifications

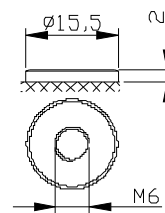
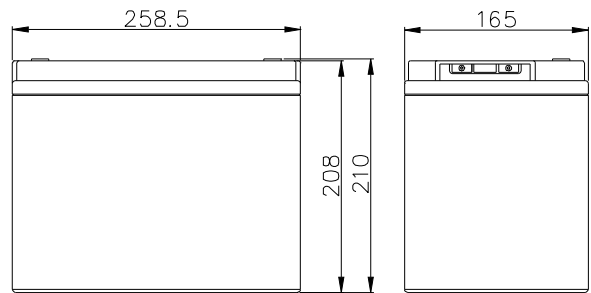
Cut Off Voltage		
1.75v/c@25°C	20H Rate(4A)	80AH
1.75v/c@25°C	10H Rate(7.7A)	77AH
1.75v/c@25°C	5H Rate(14.4A)	72AH
1.67v/c@25°C	1H Rate(54A)	54AH
1.67v/c@25°C	15Min Rate(146A)	36.5AH

Charging Specifications

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Charge Voltage (constant)	Float	13.5~13.8
	Cycle	14.4~14.7
Internal Resistance (Fully Charged Battery)	<<4.5mΩ	
Discharge Current Amps (5 seconds maximum)	800	
Max. Charge Current	24.0A	
Self Discharge	6 Months@25°C	



Unit: mm(±1.5)



Type E Terminal
Copper Inserted

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

Final Voltage	Time (minutes)											
		5	10	15	30	45	60	180	300	480	600	1200
9.6V	A	270.4	190.1	150.0	89.2	67.9	55.1	23.1	15.0	9.5	7.85	4.10
	W	2874.0	2135.0	1733.1	1084.5	822.2	657.7	271.1	172.4	115.0	92.79	50.87
10.02V	A	257.6	182.4	146.0	87.5	66.7	54.0	22.8	14.8	9.4	7.82	4.07
	W	2707.0	2038.9	1671.1	1064.7	814.7	647.1	269.0	171.2	114.5	92.36	50.76
10.2V	A	244.6	176.2	140.3	85.6	65.5	53.5	22.8	14.6	9.4	7.80	4.04
	W	2552.7	1963.4	1614.4	1032.8	805.4	638.3	264.7	170.5	114.0	91.94	50.64
10.5V	A	223.1	167.1	135.2	83.1	64.4	52.5	22.7	14.4	9.4	7.70	4.00
	W	2390.5	1872.4	1558.9	1013.9	785.2	626.6	262.3	170.0	113.6	91.72	50.29
10.8V	A	200.2	152.6	128.4	80.4	62.8	51.5	22.3	14.2	9.3	7.62	3.95
	W	2125.6	1743.4	1434.9	982.3	767.4	615.2	258.7	169.2	112.9	91.09	49.94