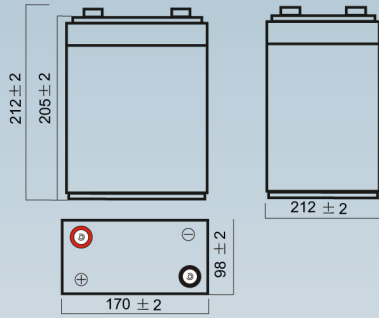


PG Range

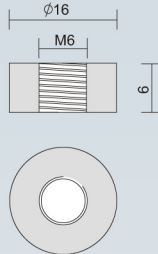
(15yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T6 Threaded Insert 6mm STUD



Physical Specification

Nominal Voltage		2V
Nominal Capacity		160 AH
Dimension	Length	170 ± 2 mm
	Width	98 ± 2 mm
	Container Height	205 ± 2 mm
	Total Height (with terminal)	212 ± 2 mm
Weight		Approx 8.5kg
Standard Terminal		T6

PG-2V160



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (1.80V/cell)	161.80AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 27.5A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate (1.80V/cell)	152.30AH			
Capacity Affected by Temperature	8hr Rate (1.80V/cell)	150.00AH	Standby	Recommended Charge Current less than 27.5A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	5hr Rate (1.80V/cell)	131.65AH			
	1hr Rate (1.80V/cell)	97.50AH			
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

1.1mΩ

Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V(V/cell)	5min	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H	24H	48H	72H	100H
1.85	200.1	178.5	161.3	145.6	105.6	80.0	75.4	47.2	36.8	29.2	23.88	20.90	17.37	14.37	7.79	6.55	3.40	2.32	1.72
1.80	267.9	227.3	194.9	172.5	124.7	93.0	84.4	51.5	39.6	31.2	25.65	22.40	18.43	15.23	8.09	6.88	3.50	2.39	1.77
1.75	303.0	250.0	212.8	185.2	129.4	96.5	88.3	53.4	40.3	31.9	26.33	23.00	18.75	15.38	8.16	6.93	3.54	2.42	1.80
1.70	333.3	272.8	227.3	194.9	134.7	100.4	91.1	55.5	41.4	32.7	26.99	23.50	19.01	15.53	8.31	7.07	3.57		
1.65	366.5	294.1	242.0	206.9	142.1	102.9	94.2	57.1	43.2	33.9	27.74	24.00	19.31	15.86	8.43	7.20	3.65		
1.60	405.4	319.2	258.6	220.6	150.0	107.3	97.5	59.0	44.5	34.9	28.65	24.50	19.50	16.02	8.48	7.25	3.69		

Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V(V/cell)	5mn	10mn	15mn	20mn	30mn	45mn	1H	2H	3H	4H	5H	6H	8H	10H	20H	24H	48H	72H	100H
1.85	372.7	334.2	303.4	275.5	201.3	153.7	145.8	91.6	71.6	57.1	46.81	41.10	34.30	28.44	15.42	12.99	6.74	4.61	3.42
1.80	486.2	414.9	357.7	318.8	233.9	176.7	161.9	99.3	76.6	60.6	50.04	43.90	36.28	30.08	15.99	13.61	6.93	4.74	3.52
1.75	536.4	447.2	385.2	338.5	240.9	182.4	168.6	102.6	77.8	61.8	51.19	44.90	36.82	30.34	16.12	13.71	7.01	4.80	3.56
1.70	581.1	481.2	406.9	353.3	249.3	188.9	173.4	106.4	79.8	63.3	52.39	45.80	37.30	30.62	16.41	13.97	7.06		
1.65	621.9	509.7	427.3	371.3	260.8	191.9	178.0	108.7	82.8	65.2	53.66	46.70	37.79	31.22	16.62	14.22	7.20		
1.60	681.1	548.4	452.6	393.0	273.5	198.9	183.3	111.8	85.0	67.1	55.24	47.50	38.08	31.49	16.69	14.29	7.28		



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