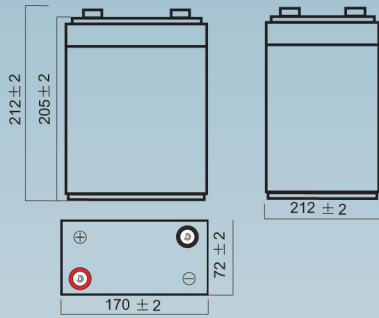


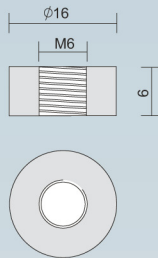
## PG Range (VRLA 15yr Life)

### Dimensions (mm)



### Standard terminal (mm)

T6 Threaded Insert 6mm STUD



### Physical Specification

Nominal Voltage		2V
Nominal Capacity		80 AH
Dimension	Length	170 ± 2 mm
	Width	72 ± 2 mm
	Container Height	205 ± 2 mm
	Total Height (with terminal)	212 ± 2 mm
Weight		Approx 5.50kg
Standard Terminal		T6

## PG-2V80



### Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (3.88A)	77.6AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 20.0A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate (7.31A)	73.1AH			
Capacity Affected by Temperature	8hr Rate (9.00A)	72.0AH	Standby	Recommended Charge Current less than 20.0A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	5hr Rate (12.64A)	63.2AH			
	1hr Rate (46.80A)	46.8AH			
Capacity Affected by Temperature	40°C (104°F)	103%	Standby	Recommended Charge Current less than 20.0A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	25°C (77°F)	100%			
	0°C (32°F)	86%			

### Internal Resistances m0hms

1.6m0hms

### 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	96.0	85.7	77.4	69.9	50.7	38.4	36.2	22.6	17.6	14.0	11.46	10.00	8.34	6.90	3.74	3.14	1.63	1.11	0.826
1.80	128.6	109.1	93.5	82.8	59.8	44.7	40.5	24.7	19.0	15.0	12.31	10.80	8.85	7.31	3.88	3.30	1.68	1.15	0.851
1.75	145.4	120.0	102.2	88.9	62.1	46.3	42.4	25.6	19.3	15.3	12.64	11.10	9.00	7.38	3.92	3.33	1.70	1.16	0.862
1.70	160.0	130.9	109.1	93.5	64.6	48.2	43.7	26.6	19.9	15.7	12.95	11.30	9.13	7.45	3.99	3.39	1.71		
1.65	175.9	141.1	116.1	99.3	68.2	49.4	45.2	27.4	20.7	16.3	13.31	11.50	9.27	7.61	4.05	3.46	1.75		
1.60	194.6	153.2	124.1	105.9	72.0	51.5	46.8	28.3	21.4	16.8	13.75	11.80	9.36	7.69	4.07	3.48	1.77		

### Constant Power Discharge Characteristics Unit: Watts (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	178.9	160.4	145.6	132.2	96.6	73.8	70.0	44.0	34.4	27.4	22.47	19.70	16.47	13.65	7.40	6.23	3.23	2.21	1.64
1.80	233.4	199.2	171.7	153.0	112.3	84.8	77.7	47.7	36.8	29.1	24.02	21.10	17.42	14.44	7.68	6.53	3.33	2.28	1.69
1.75	257.5	214.7	184.9	162.5	115.6	87.5	80.9	49.2	37.3	29.7	24.57	21.60	17.68	14.56	7.74	6.58	3.36	2.30	1.71
1.70	278.9	231.0	195.3	169.6	119.7	90.7	83.2	51.1	38.3	30.4	25.15	22.00	17.91	14.70	7.88	6.70	3.39		
1.65	298.5	244.7	205.1	178.2	125.2	92.1	85.4	52.2	39.7	31.3	25.76	22.40	18.14	14.98	7.98	6.82	3.46		
1.60	326.9	263.2	217.2	188.7	131.3	95.5	88.0	53.7	40.8	32.2	26.52	22.80	18.28	15.12	8.01	6.86	3.50		



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