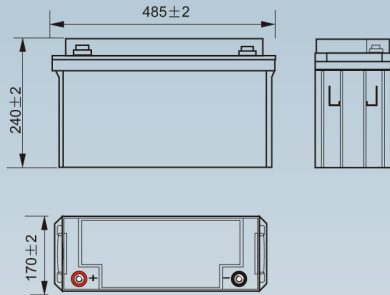


PG Range

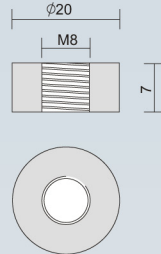
(12yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T11 Threaded Insert 8mm STUD



Physical Specification

Nominal Voltage		12V
Nominal Capacity		160.0 AH
Dimension	Length	485 ± 2 mm
	Width	170 + 2 mm
	Container Height	240 ± 2 mm
	Total Height (with terminal)	240 ± 2 mm
Weight		Approx 48.2kg
Standard Terminal		T11

PG12V160



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80V/cell)	160.5AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 40.0A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate(1.80V/cell)	150.0AH			
Capacity Affected by Temperature	5hr Rate(1.75V/cell)	130.5AH	Standby	Recommended Charge Current less than 40.0A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	3hr Rate(1.75V/cell)	117.0AH			
	1hr Rate(1.60V/cell)	93.0AH			
Capacity Affected by Temperature	40°C (104°F)	103%	Standby	Recommended Charge Current less than 40.0A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

3.5 mΩ

Constant Current Discharge (Amperes) at 25°C (77°F)

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	175.5	147.6	131.0	108.6	83.8	71.7	46.4	34.9	28.6	24.1	21.1	16.9	14.5	7.76
1.80V/cell	200.8	165.7	144.8	118.0	90.4	75.7	49.9	37.5	30.4	25.5	22.3	17.8	15.0	8.03
1.75V/cell	228.1	186.8	160.0	128.2	98.6	82.5	51.9	39.0	31.4	26.1	23.0	18.4	15.4	8.23
1.70V/cell	257.6	207.3	176.6	139.9	106.2	87.3	54.7	41.1	32.9	27.6	24.1	19.2	16.0	8.44
1.65V/cell	276.6	221.9	187.9	147.7	112.4	90.3	56.7	42.7	34.1	28.5	25.0	19.8	16.4	8.70
1.60V/cell	304.3	243.0	204.1	157.6	116.8	93.0	58.1	43.8	34.9	29.2	25.5	20.2	16.8	8.84

Constant Power Discharge (Watts) at 25°C (77°F)

F.V/Time	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	327.7	278.4	249.5	209.2	162.8	139.7	91.1	68.7	56.5	47.6	41.9	33.7	29.1	15.5
1.80V/cell	370.6	308.4	271.8	223.7	174.2	146.7	97.3	73.4	59.7	50.3	44.2	35.4	29.9	16.0
1.75V/cell	414.2	343.4	297.5	241.1	188.2	159.2	100.8	76.1	61.6	51.3	45.4	36.5	30.7	16.4
1.70V/cell	457.4	375.7	326.0	261.8	202.0	167.9	105.9	79.9	64.2	54.1	47.5	38.0	31.9	16.8
1.65V/cell	486.7	399.2	344.2	274.1	211.9	172.5	109.2	82.8	66.5	55.7	49.0	39.2	32.7	17.3
1.60V/cell	523.4	430.1	369.9	290.4	219.0	176.7	111.4	84.5	67.8	56.8	49.9	39.8	33.3	17.6



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