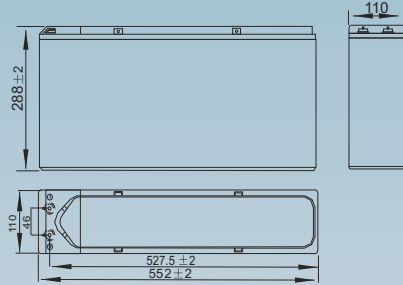


## PG Range (12yr Design Life in Float Service at 20°C)

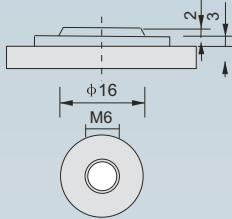
### Dimensions (mm)



### Standard terminal (mm)

#### T6 Terminal

Unit: mm [inches]



### Physical Specification

Nominal Voltage		12V
Nominal Capacity		160.0 AH
Dimension	Length	552 ± 2 mm
	Width	110 + 2 mm
	Container Height	288 ± 2 mm
	Total Height (with terminal)	288 ± 2 mm
Weight		Approx 46.6kg
Standard Terminal		T6

## PGFT-12V160

IMAGE COMING SOON

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

Rated Capacity	20hRate(1.80v/cell)	158.8AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 40A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hRate(1.80v/cell)	150.0AH			
Capacity Affected by Temperature	8hRate(1.80v/cell)	142.4AH	Standby	Recommended Charge Current less than 40A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	5hRate(1.75v/cell)	130.5AH			
	1hRate(1.67v/cell)	95.7AH			
Capacity Affected by Temperature	40°C (104°F)	103%	Constant Voltage Charge	Cycle	Initial Charging Current Less than 40A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	25°C (77°F)	100%			
	0°C (32°F)	86%			

### Internal Resistance mΩ

3.0 mΩ

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

F.V(V/cell)	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	216.9	190.8	171.0	136.8	105.8	85.7	50.9	37.3	29.9	25.1	21.7	17.2	14.3	7.60
1.80	252.0	220.2	190.8	148.5	112.6	90.6	52.7	38.6	30.8	25.8	22.3	17.8	15.0	7.94
1.75	278.1	237.0	203.4	154.8	115.8	93.0	53.9	39.2	31.2	26.1	22.6	18.1	15.2	8.02
1.70	296.1	248.4	211.5	160.5	118.8	94.5	54.7	39.7	31.6	26.4	22.9	18.3	15.3	8.07
1.65	3009.6	256.8	216.0	163.8	121.0	95.9	55.4	55.4	31.9	26.7	23.1	18.5	15.5	8.12
1.60	323.1	264.0	222.3	167.4	123.4	97.5	56.1	56.1	32.2	27.1	23.5	18.7	15.6	8.16

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

F.V(V/cell)	10min	15min	20min	30min	45min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85	405.0	359.8	325.8	263.5	205.5	166.9	99.9	73.4	59.0	49.6	43.0	34.4	28.7	15.2
1.80	465.1	409.8	358.2	281.7	217.0	175.6	102.8	75.6	60.5	50.8	44.0	35.5	29.9	15.9
1.75	505.1	435.7	378.2	291.2	221.1	179.5	104.7	76.5	61.1	51.3	44.5	35.9	30.2	16.0
1.70	525.7	450.3	390.4	300.3	226.0	181.8	105.9	77.4	61.8	51.6	45.0	36.3	30.5	16.1
1.67	547.6	463.7	397.1	305.8	229.4	183.9	107.2	77.9	62.3	52.3	45.3	36.6	30.8	16.2
1.60	555.7	467.2	402.9	308.5	231.4	185.9	107.6	78.3	62.5	52.8	45.9	36.9	31.0	16.2



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