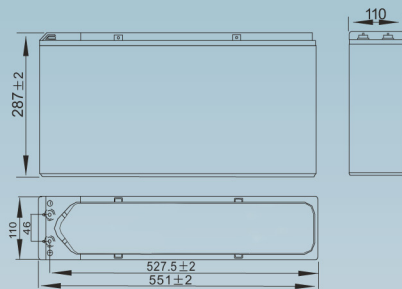


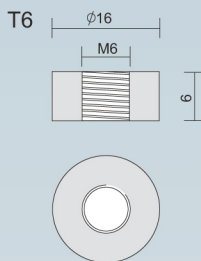
PG Range (VRLA 12yr Life)

Dimensions (mm)



Standard terminal (mm)

T6 Threaded Insert 6mm STUD



Physical Specification

Nominal Voltage		12V
Nominal Capacity		190.0 AH
Dimension	Length	551 ± 2 mm
	Width	110 + 2 mm
	Container Height	287 ± 2 mm
	Total Height (with terminal)	287 ± 2 mm
Weight		54.0kg
Standard Terminal		T6

PGFT-12V190



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (9.50A)	190.0AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 47.5A Voltage 14.4V ~ 15.0V at 25°C (77°F)
	10hr Rate (18.0A)	180.0AH			
Capacity Affected by Temperature	8hr Rate (21.86A)	174.88AH	Standby	Recommended Charge Current less than 47.5A Voltage 13.5V ~ 13.8V at 15°C (77°F)	
	5hr Rate (32.70A)	163.5AH			
	1hr Rate (121.0A)	121.0AH			
Capacity Affected by Temperature	40°C (104°F)	103%	Constant Voltage Charge	Standby	Recommended Charge Current less than 47.5A Voltage 13.5V ~ 13.8V at 15°C (77°F)
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistances m0hms

3.0 m0hms

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	314.2	280.3	251.4	215.7	169.2	131.2	106.7	63.6	45.8	36.8	30.40	26.5	20.60	17.20	9.29	7.98	4.07	2.781	2.063
1.80	389.1	330.4	280.2	238.7	185.1	141.1	113.8	67.1	48.7	38.7	32.0	27.8	21.70	18.00	9.50	8.06	4.12	2.815	2.088
1.75	434.6	359.5	303.2	254.7	194.5	146.6	117.9	68.4	49.5	39.7	32.7	28.4	21.86	18.10	9.56	8.17	4.17	2.850	2.113
1.70	472.3	386.8	319.4	265.0	200.2	149.9	119.7	69.3	50.0	40.0	33.0	28.6	22.08	18.20	9.63	8.20	4.19		
1.67	501.8	402.2	327.3	270.5	202.8	150.4	120.0	69.5	50.2	40.1	33.1	28.8	22.20	18.30	9.70	8.26	4.22		
1.60	534.7	421.8	338.2	276.3	205.8	152.1	121.0	69.9	50.7	40.3	33.3	29.0	22.33	18.42	9.78	8.31	4.25		

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	573.9	517.5	468.8	406.8	322.3	251.8	206.3	123.7	89.4	72.0	59.7	52.2	40.7	34.0	18.44	15.89	8.12	5.57	4.14
1.80	704.2	603.5	515.6	443.1	347.5	267.7	218.5	129.8	94.4	75.2	62.4	54.5	42.7	35.5	18.78	15.97	8.18	5.60	4.16
1.75	768.9	645.6	551.2	468.7	362.2	276.8	225.1	131.7	95.6	76.9	63.5	55.4	42.7	35.5	18.81	16.11	8.24	5.64	4.19
1.70	818.9	683.0	574.8	483.7	370.8	281.8	227.6	132.7	96.2	77.2	63.9	55.5	43.0	35.5	18.87	16.09	8.24		
1.67	855.3	699.6	582.1	490.2	374.1	281.6	227.4	132.6	96.2	77.0	63.8	55.6	43.0	35.6	18.92	16.14	8.26		
1.60	886.1	716.9	591.6	495.3	375.4	283.3	228.1	132.7	96.8	77.0	63.9	55.7	43.0	35.6	18.98	16.16	8.29		



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