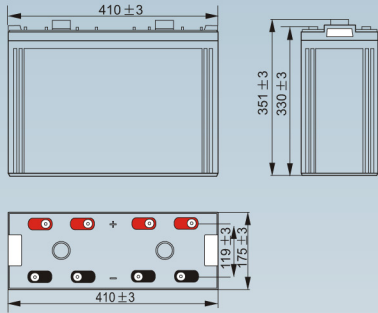


PG Range

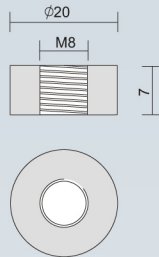
(15yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T11 Threaded Insert 8mm STUD



Physical Specification

Nominal Voltage		2V
Nominal Capacity		860.0 AH
Dimension	Length	410 ± 2 mm
	Width	175 ± 2 mm
	Container Height	330 ± 2 mm
	Total Height (with terminal)	351 ± 2 mm
Weight		Approx 57.0kg
Standard Terminal		T11

PG-2V860



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hRate(1.80V/cell) 10hRate(1.80V/cell) 5hRate(1.75V/cell) 3hRate(1.75V/cell) 1hRate(1.60V/cell)	856.00AH 800.00AH 696.00AH 624.00AH 496.00AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 215A Voltage 14.4V ~ 15.0V at 25°C (77°F)

Internal Resistance mΩ

0.5mΩ

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	936.0	787.2	698.4	579.2	446.9	382.4	247.6	186.2	152.5	128.3	112.4	90.2	77.5	41.4
1.80V/cell	1071.0	884.0	772.2	629.1	482.1	403.6	266.2	200.0	162.1	136.0	119.1	94.9	80.0	42.8
1.75V/cell	1216.4	996.3	853.3	683.6	525.9	440.0	276.8	208.0	167.7	139.2	122.8	98.1	82.2	43.9
1.70V/cell	1373.8	1105.3	941.9	746.3	566.4	465.6	291.6	218.9	175.2	147.2	128.7	102.2	85.3	45.0
1.65V/cell	1475.3	1183.5	1002.1	787.6	599.5	481.6	302.3	227.7	182.1	151.8	133.2	105.7	87.7	46.4
1.60V/cell	1623.0	1296.2	1088.6	840.4	622.9	496.0	310.0	233.6	186.2	155.5	136.0	107.5	89.5	47.2

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	1747.7	1484.7	1330.5	1115.5	868.0	745.3	485.8	366.6	301.2	254.1	223.2	179.9	155.0	82.8
1.80V/cell	1976.5	1645.0	1449.6	1193.3	929.2	782.5	518.7	391.6	318.5	268.1	235.6	188.7	159.7	85.5
1.75V/cell	2209.3	1831.5	1586.8	1286.1	1003.9	849.1	537.5	405.7	328.4	273.5	242.2	194.6	163.8	87.6
1.70V/cell	2439.2	2004.0	1738.5	1396.4	1077.3	895.7	565.1	426.3	342.4	288.7	253.4	202.6	169.9	89.7
1.65V/cell	2595.7	2129.3	1835.8	1461.7	1130.0	919.9	582.4	441.5	354.6	296.8	261.5	208.9	174.4	92.4
1.60V/cell	2791.2	2294.0	1972.8	1548.9	1168.0	942.4	594.4	450.8	361.3	303.0	266.2	212.1	177.8	93.8



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