



PR12-260GD is GEL deep cycle battery, with 12 years floating design life, superiorly designed for frequent cyclic discharge applications under extreme temperature. By using strong grid to insure reliable performance under frequent cyclic discharge use. 400 cycles could be available at 100% DOD. Offering extra-durable cyclic performance, high efficiency of recovery, that is more suitable for solar, mobility, E-toll, marine, deep discharge UPS etc.

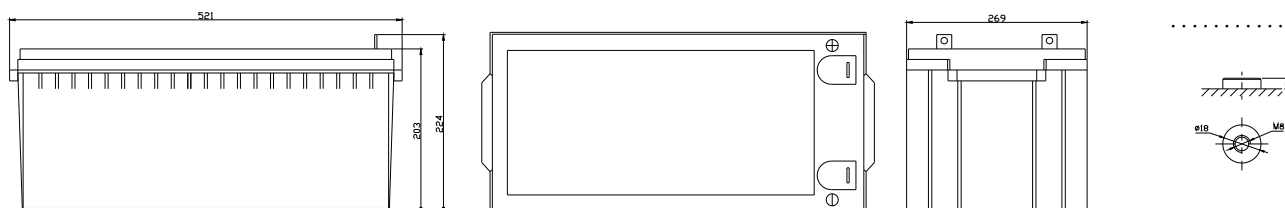
## Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	260Ah@20hr-rate to 1.75V per cell @25?
Weight	Approx. 74.0 Kg
Max. Discharge Current	2600 A (5 sec)
Internal Resistance	Approx. 8.0 mΩ
Operating Temperature Range	Discharge: -40 Charge: -20? ~50? Storage: -40? ~60?
Normal Operating Temperature Range	25? • 5?
Float charging Voltage	13.6 to 13.8 VDC/unit Average at 25?
Recommended Maximum Charging Current Limit	52A
Equalization and Cycle Service	14.2 to 14.4VDC/unit Average at 25?
Self Discharge	PROSTAR batteries can be stored for more than 6 months at 25? . Self-discharge ratio less than 3% per month at 25? . Please charge batteries before using.
Terminal	Terminal F14
Container Material	A.B.S. (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.



## Dimensions

Unit: mm Dimension • 520•L• •269•W• •224•H•



### Constant Current Discharge Characteristics (25 )

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	820.0	587.6	427.5	268.4	151.7	86.60	60.91	50.41	42.45	29.30	24.77	13.10
10.0V	798.1	559.1	418.8	263.9	151.0	85.95	60.68	50.18	42.20	29.06	24.54	12.86
10.2V	752.0	539.4	412.2	261.6	149.6	85.30	60.21	49.94	41.95	28.82	24.30	12.62
10.5V	675.3	497.7	392.5	255.1	148.2	84.65	59.98	49.48	41.45	28.58	24.06	12.39
10.8V	609.5	453.8	361.8	243.9	144.7	83.13	58.34	48.31	40.70	28.11	23.82	12.15
11.1V	530.6	405.6	324.5	228.5	137.5	79.44	55.78	45.98	38.96	26.92	23.11	11.43

### Constant Power Discharge Characteristics: W (25 )

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.6V	7809.7	5710.8	4204.8	3028.8	1734.9	996.2	702.9	582.5	491.4	340.0	278.6	147.1
10.0V	7650.1	5454.6	4117.4	2990.9	1726.5	992.3	701.5	581.1	488.4	338.6	275.7	145.7
10.2V	7221.5	5272.9	4061.5	2955.9	1713.9	983.2	697.3	578.3	486.9	335.7	274.3	144.3
10.5V	6502.8	4872.2	3872.8	2888.7	1697.1	974.1	693.1	574.1	482.4	332.8	271.4	142.9
10.8V	5849.4	4423.8	3558.3	2757.1	1655.1	959.7	676.3	558.7	475.0	325.7	268.6	141.4
11.1V	5049.2	3928.7	3177.5	2583.5	1568.3	915.5	642.7	532.1	451.0	314.3	260.0	135.7

All mentioned values are average values.