



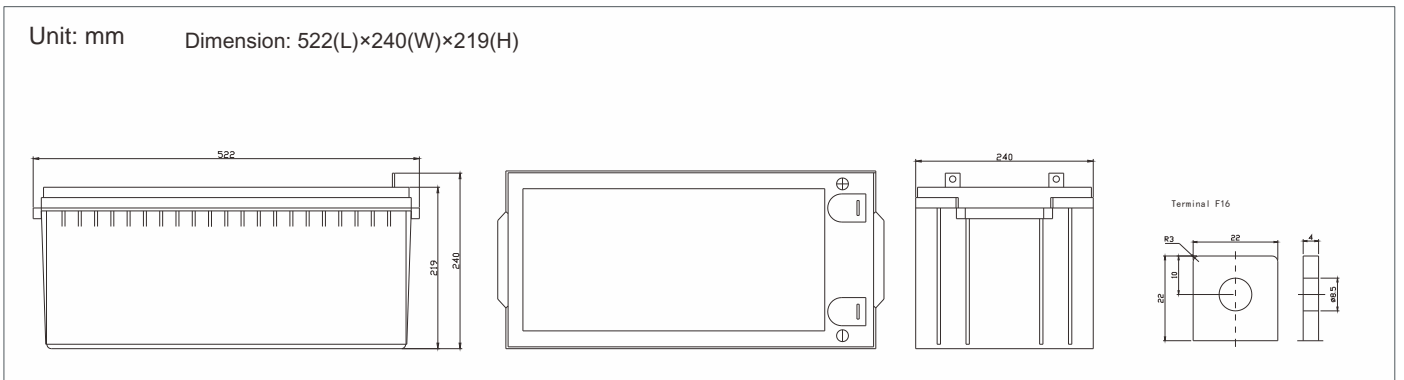
PR12-200G is GEL Standby battery with 10 + years floating design life time .The solid Gel protects no way to suffer electrolyte stratification and ensure mild corrosion, its special separator eradicates infection between plates to prevent short circuit. it offers extra-durable performance under extreme temperature.

## Specification

<b>Cells Per Unit</b>	6
<b>Voltage Per Unit</b>	12
<b>Capacity</b>	200Ah@20hr-rate to 1.75V per cell @25°C
<b>Weight</b>	Approx. 60.0 Kg
<b>Max. Discharge Current</b>	2000 A (5 sec)
<b>Internal Resistance</b>	Approx. 6 mΩ
<b>Operating Temperature Range</b>	Discharge: -40°C~60°C Charge: -20°C~50°C Storage: -40°C~60°C
<b>Normal Operating Temperature Range</b>	25°C±5°C
<b>Float charging Voltage</b>	13.6 to 13.8 VDC/unit Average at 25°C
<b>Recommended Maximum Charging Current Limit</b>	40 A
<b>Equalization and Cycle Service</b>	14.2 to 14.4 VDC/unit Average at 25°C
<b>Self Discharge</b>	PROSTAR batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.
<b>Terminal</b>	Terminal F12/F16
<b>Container Material</b>	A.B.S. (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.



## Dimensions



### Constant Current Discharge Characteristics: A (25°C)(The capacity reaches the peak value after 5-20 cycles.)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	476.4	340.9	273.6	183.4	116.6	70.20	50.79	40.54	34.42	23.31	19.36	10.61
10.0V	462.6	324.4	268.0	181.8	116.1	69.67	50.59	40.35	34.22	23.12	19.17	10.42
10.2V	448.9	312.9	263.8	180.7	115.0	69.15	50.20	40.16	34.02	22.93	18.98	10.22
10.5V	407.8	292.2	254.1	177.9	113.9	68.62	50.01	39.79	33.61	22.75	18.80	10.00
10.8V	372.4	269.6	237.0	171.7	110.0	67.39	48.65	38.85	32.79	21.84	18.20	9.496
11.1V	321.6	243.7	215.0	162.4	104.5	64.40	46.50	36.97	31.38	20.91	17.66	8.937

### Constant Power Discharge Characteristics: W (25°C)(The capacity reaches the peak value after 5-20 cycles.)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	4927	3630	3010	2091	1347	827.4	605.9	483.2	410.6	278.4	231.3	127.2
10.0V	4830	3519	2962	2083	1344	823.1	604.6	482.6	409.6	277.0	229.8	125.0
10.2V	4775	3426	2928	2072	1334	818.1	601.9	481.6	408.2	275.2	227.8	122.7
10.5V	4398	3229	2826	2044	1322	812.2	599.6	477.1	403.3	272.9	225.6	120.4
10.8V	4052	3011	2643	1978	1284	801.8	583.3	466.2	393.4	262.1	218.5	113.9
11.1V	3600	2754	2406	1876	1229	772.0	558.1	443.7	376.5	251.0	211.9	107.2

All mentioned values are average values (Tolerance ±2%).