

GPG Series

GPG Series batteries are using GEL technology and designed for the applications requiring frequent deep-discharge and a wider range of high-and-low temperature operation. **GEM I GPG Series** batteries are premium quality rather than AGM batteries when comparing at the same capacity range.

GEM I GPG Series batteries are using **GRAND ENERGY innovated** battery plates which are particularly designed for GPG Series. The plates are applied with special-alloyed grid manufacturing and specific-formula PAM/NAM mixing process, along with selected chemical additives, they enable GPG batteries to provide remarkable high power and longer cyclic life when being frequently deep-discharged. In the meantime, assembling by high-quality porous PVC separator and Gelled SiO₂ electrolyte, GPG batteries would keep extremely low self-discharge and do great in wide range temperature conditions. Long life (up to 18 years) float service time would be expected.

To charge battery fully before enjoy its outstanding service.

Main Features:

- ◆ Gelled SiO₂ electrolyte formulated for wide range operation temperature -25~55°C.
- ◆ Low resistance PVC micro-porous separator equipped for extreme low self-discharge.
- ◆ Innovated technology of battery plate formula designed for regular Deep Discharge.
- ◆ Outstanding re-charge acceptability after deep discharged.

Main Application:

- Telecom & Towers power assurance ● Data center
- Sizable UPS system ● High performance UPS system
- Medical power assurance ● Solar PV & Wind power
- Off-grid power system / Power plant
- Industrial battery & power reserve
- All general purpose

GPG Series

Voltage: 2V, 6V, 12V

Capacity: 18Ah - 3000Ah @10Hr



GEM Battery GPG Series	Voltage (V)	Capacity (AH/20HR)	Dimension (mm)				Type	Weight ±3% (kgs)
			±1 L (mm)	±1 W (mm)	±2 H (mm)	±2 TH (mm)		
GPG 6-200	6	200	343	188	275	275	PVC-Gel	33.00
GPG 12-18	12	18	181	76	168	168	PVC-Gel	5.80
GPG 12-26	12	26	166	126	176	176	PVC-Gel	10.00
GPG 12-33	12	33	196	133	161	170	PVC-Gel	11.00
GPG 12-38	12	38	198	166	170	170	PVC-Gel	14.80
GPG 12-40	12	40	198	166	170	170	PVC-Gel	14.80
GPG 12-55	12	55	229	138	214	214	PVC-Gel	19.00
GPG 12-70	12	70	260	168	214	214	PVC-Gel	25.50
GPG 12-80	12	80	260	168	214	214	PVC-Gel	26.50
GPG 12-90	12	90	306	168	214	214	PVC-Gel	30.50
GPG 12-100S	12	100	306	168	214	214	PVC-Gel	31.50
GPG 12-100	12	100	326	173	212	217	PVC-Gel	32.50
GPG 12-120	12	120	326	173	212	217	PVC-Gel	37.50
GPG 12-135	12	135	341	173	281	281	PVC-Gel	43.50
GPG 12-150	12	150	482	170	238	238	PVC-Gel	48.20
GPG 12-180	12	180	532	207	220	220	PVC-Gel	61.50
GPG 12-200	12	200	522	240	223	223	PVC-Gel	68.50
GPG 12-250	12	250	520	269	220	220	PVC-Gel	82.50
GPG 12-100FT	12	100	394	110	286	286	PVC-Gel	35.50
GPG 12-120FT	12	120	552	110	240	240	PVC-Gel	37.00
GPG 12-155FT	12	155	551	110	288	288	PVC-Gel	49.50
GPG 12-175FT	12	175	551	110	320	320	PVC-Gel	59.00
GPG 2-100	2	100	171	71	205	210	PVC-Gel	7.00
GPG 2-150	2	150	171	71	205	210	PVC-Gel	9.50
GPG 2-200	2	200	173	111	332	337	PVC-Gel	15.00
GPG 2-300	2	300	171	151	332	337	PVC-Gel	23.50
GPG 2-400	2	400	211	176	330	337	PVC-Gel	29.00
GPG 2-500	2	500	241	172	331	337	PVC-Gel	35.50
GPG 2-600	2	600	301	175	331	337	PVC-Gel	43.00
GPG 2-800	2	800	410	175	330	335	PVC-Gel	58.50
GPG 2-1000	2	1000	475	175	328	335	PVC-Gel	70.00

* Please contact GEM Battery sales rep to get latest updating model list of the batteries.