



## SLA Sealed Lead Acid Batteries

# GPP Maintenance-Free & Rechargeable Battery

### BATTERY SPECIFICATIONS

BATTERY TYPE	NOMINAL VOLTAGE (V)	CAPACITY (AH)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	TOTAL HEIGHT (mm)	WEIGHT (kg)	TERMINAL TYPE	QUANTITY / CARTON
GPP612	6	1.2	97	24	52	58	0.31	T1	40
GPP625	6	2.5	66	33	97	104	0.60	T1	25
GPP632	6	3.2	134	35	61	67	0.66	T1	20
GPP645	6	4.5	70	47	101	107	0.75	T1	20
GPP670	6	7.0	151	34	94	100	1.20	T1 / T2	10
GPP6100	6	10.0	151	50	94	100	1.60	T1 / T2	10
GPP6120	6	12.0	151	50	94	100	1.85	T1 / T2	10
GPP1212	12	1.2	97	43	52	58	0.61	T1	20
GPP1223	12	2.3	178	35	61	67	0.99	T1	10
GPP1232	12	3.2	134	67	61	67	1.30	T1	10
GPP1245	12	4.5	90	70	101	107	1.45	T1	10
GPP1272	12	7.2	151	65	94	100	2.35	T1 / T2	8
GPP12120	12	12.0	151	98	95	101	3.70	T2	4
GPP12170	12	17.0	181	77	167	167	5.50	T3 / T8	4
GPP12260	12	26.0	166	175	125	125	8.40	T3 / T8	1

### HEAVY DUTY

GPP12330	12	33	195	130	159	180	10.2	T7 / T9	1
GPP12400	12	40	197	165	170	170	13.5	T4 / T9	1
GPP12650	12	65	350	167	179	186	22.0	T5 / T9	1
GPP12800	12	80	350	167	179	186	25.0	T5 / T9	1
GPP121000	12	100	330	171	214	224	32.0	T5 / T9	1
GPP121200	12	120	409	176	225	225	37.5	T5 / T11	1
GPP121500	12	150	485	172	240	242	47.0	T5 / T11	1
GPP122000	12	200	522	238	218	238	65.0	T5 / T11	1

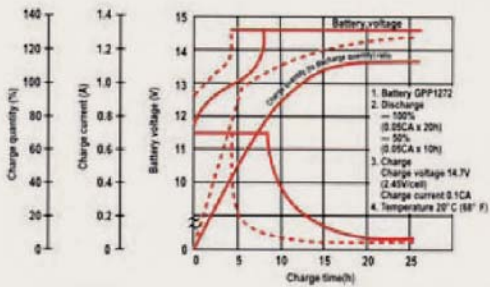
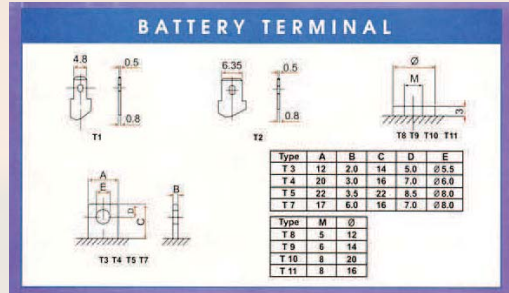
### 2 VOLT CELL BATTERY

GPP2100	2	100	171	72	206	209	7.2	T10	2
GPP2150	2	150	171	102	206	221	8.5	T10	2
GPP2200	2	200	173	109	330	364	14.5	T10	1
GPP2300	2	300	171	151	330	364	20.0	T10	1
GPP2400	2	400	210	176	330	367	27.0	T10	1
GPP2500	2	500	241	171	330	365	32.0	T10	1
GPP2600	2	600	302	175	330	367	40.0	T10	1
GPP2800	2	800	410	175	330	367	55.0	T10	1
GPP21000	2	1000	475	175	330	367	65.0	T10	1
GPP22000	2	2000	490	350	350	382	130.0	T10	1
GPP23000	2	3000	710	350	350	382	200.0	T10	1

Note : - For other sizes kindly refer to us with your requirements. You are require to give us the container dimension and required capacity (AH).

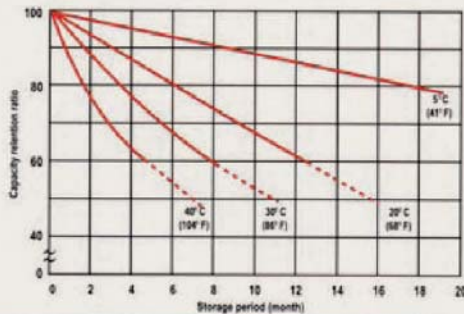
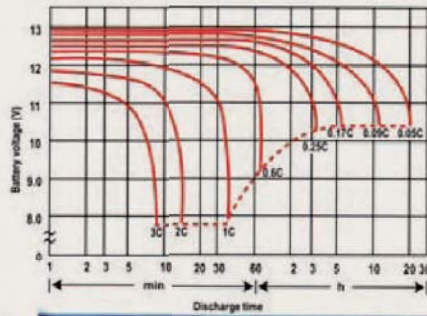
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# Battery Charging



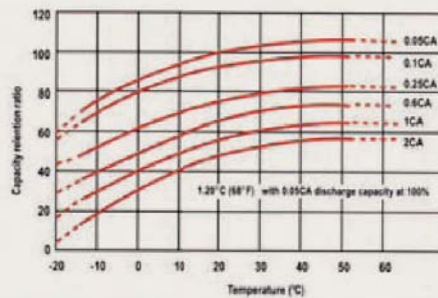
## Charging Characteristics

## Discharge Characteristics at various rates (25°C)

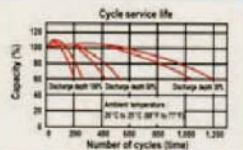


## Self Discharge Characteristics

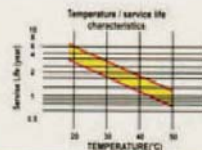
## Temperature and Discharge Capacity



Charging Voltage			
CHARGER	CHARGING VOLTAGE (AT 20°C = 68°F)		
		CYCLE USE	STANDBY USE
CONSTANT VOLTAGE	6V	7.35 - 7.5V	8.75 - 8.90V
	12V	14.7 - 15V	13.5 - 13.8V



Storage temperature and recommended Supplementary charge method.		
Storage temperature	Recharge interval	Charge method
Below 20°C (68°F)	every 6 months	2.25 V / cell
20°C to 30°C (68°F to 87°F)	every 3 months	2.40 V / cell
Over 30°C (86°F)	storage to be avoided	2.40 V / cell





# ENHANCE USAGE

.....available on request



Emergency Lighting



Golf Cart



Uninterrupted Power Supply (UPS)



Key Phone



Toy Plane



Electric Lawn Mower



Fire Alarm



Security Systems



Toy Car



VCR Camera



Electric WheelChair



Cash Register



Electric Motorcycle



Tele Communications

## DEEP CYCLE

Specialised grid alloy and paste formulation with additives in the electrolyte ensures superb cyclic service life of more than 400 cycles to 80% depth of discharge.

### Common Usage :

- Electric powered mobility vehicles chair
- Golf carts and buggies
- Electric powered scooters and bikes
- Solar power systems
- Medical equipments

## HIGH TEMPERATURE

Heavy duty and anticorrosive grid alloy with special heat resistant battery container ensures higher operating temperature environment to reach up to 158°F (70°C).

### Common Usage :

- Fire alarm systems
- Lighting equipments
- Outdoor electronic instruments
- Outdoor telecommunication systems

## GEL

Designed with specialized glass mat separator and absorbed silica gel electrolyte to provide reliable power for renewable energy applications and frequent cycles usages.

### Common Usage :

- Water pump
- Wind generator
- Caravan, recreational vehicles and motor homes
- Solar power systems
- Telecommunication equipments
- Electric powered vehicles

#### Disclaimer:

Battery King Australia has used numerous unpublished sources in this manual as well as various information from vehicle manufacturers and others whilst Battery King Australia has ensured every effort has been made to provide the most up to date and accurate information. We at Battery King Australia will not be held responsible for any inaccurate or out of date specifications or any errors in the printing process. Battery King Australia does reserve the right to change any published specifications without notice.