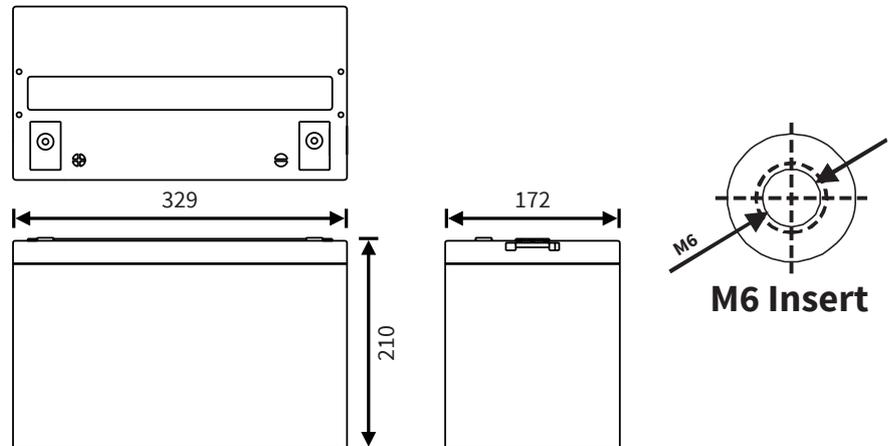


CPG 100-12

Cyclic Gel Battery (1000 cycles)

Dimensions (mm)

Standard terminal



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Acid (VRLA)
- Maintenance free
- GEL Technology
- Low self discharge
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 110.0 Ah
	10Hr: 105.0 Ah
	5Hr: 94.0 Ah
	1Hr: 66.4 Ah
Internal resistance	≤4.4mΩ (fully charged)
Maximum charge current	27.0 A
Maximum discharge current	854 A (max. 5 sec)
Number of cycles	1000 (50% D.O.D.)
Float use / cycle use	13.5 - 13.8V / 14.5 - 14.9V
Charge temperature range	-10°C ~ 50°C
Discharge temperature range	-15°C ~ 50°C
Standard terminal	M6 Insert (7 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	329 mm
Dimensions Width	172 mm
Dimensions Height	210 mm
Approximate Weight	30.9 kg
Packing	1 pcs / box

Recommended

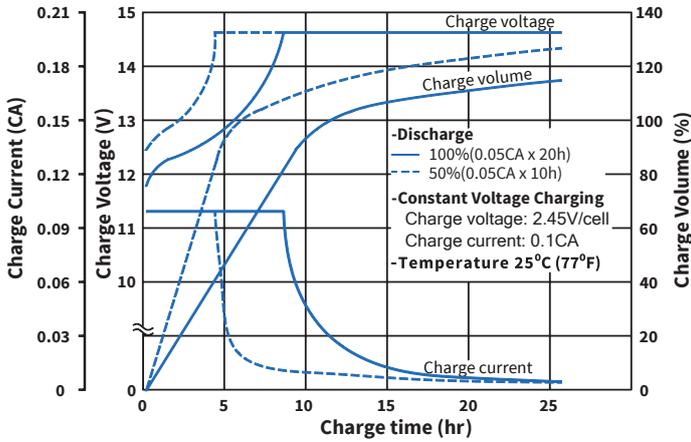
Having the right battery is often just the beginning. Optimal use of a battery requires having a good battery charger, so that the user can be sure that their battery is always optimally charged and has maximum lifespan.

Cellpower offers various intelligent battery chargers, as well as battery testers, battery monitors and battery guards. All designed to easily monitor the battery quality and make sure the battery remains in the best condition possible.

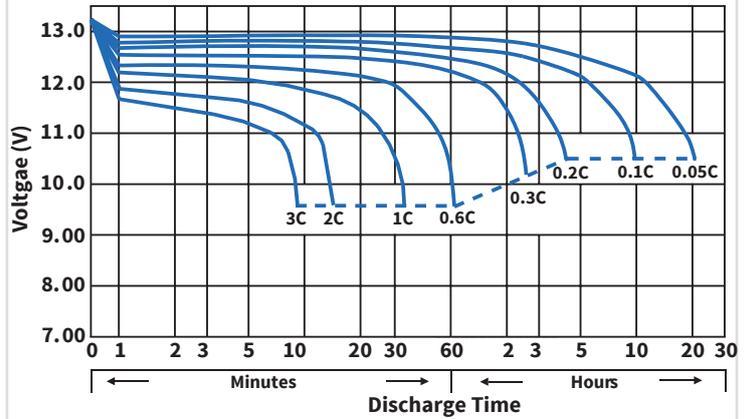


Recommended for CPG 100-12: **L CP 12-20G** battery charger

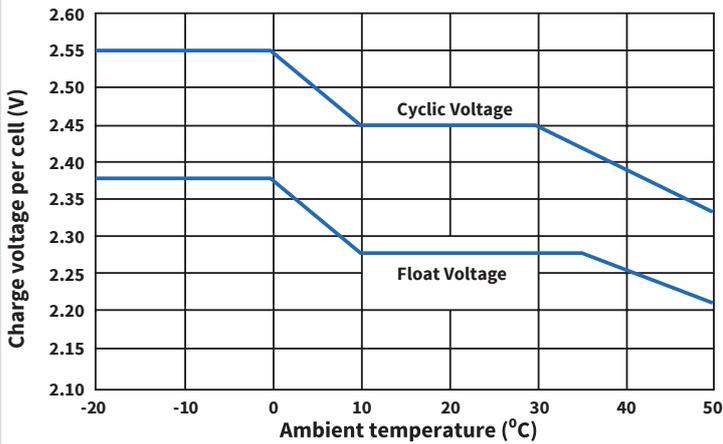
Charge characteristics



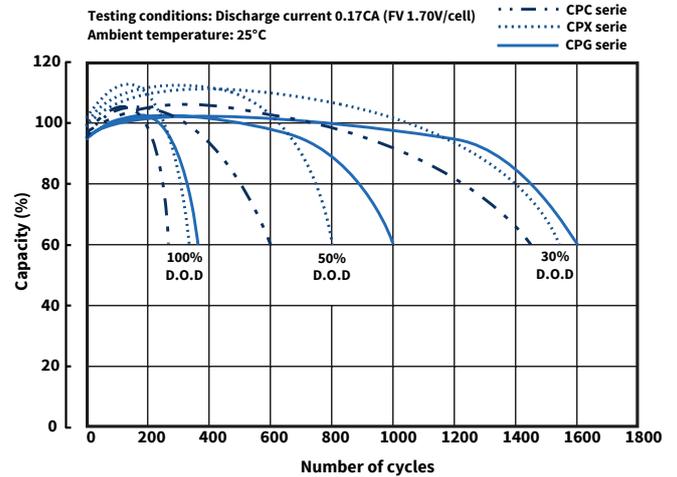
Discharge characteristics



Charge voltage in relation to temperature



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPG 33-12	12	33	196x131x160	10.2
CPG 40-12	12	40	198x167x160	13.5
CPG 50-12	12	50	229x138x211	18.6
CPG 55-12	12	55	228x138x213	16.8
CPG 60-12	12	60	260x168x180	21.5
CPG 75-12	12	75	260x168x214	24.2
CPG 100-12	12	100	329x172x210	30.9
CPG 200-12	12	200	520x240x223	63.3

Cellpower family

Cellpower supplies a broad range of reliable AGM, GEL and Lithium batteries. Each product series has its own unique characteristics, so that there is a suitable battery for every application with its associated specific usage profile. Combined with the right Cellpower battery accessories, you are able to assemble a high-quality and reliable battery system.

The sealed, maintenance-free GEL battery type has a long operational lifetime. When used correctly, the technology offers dependable, lasting service. Additionally, GEL batteries exhibit very little self-discharge when compared with other lead-acid batteries. Sealed lead-acid batteries require low maintenance and do not need to be refilled with water or other liquids.

