

CL2 LONG LIFE DEEP CYCLE AGM BATTERY

- > Voltage: 2V
- > Capacity: upto 2V3000Ah
- > Designed floating service life: 12~15 years @ 25 °C/77 °F.



Advantages for Industry battery 2V

CSPower CL series of 2V VRLA AGM batteries upto 2V3000Ah are recognized as the most reliable and high quality battery system in the industry. They are designed with advanced AGM (Absorbent Glass Mat) technology, Long service life designed with 10-15 years, the batteries comply to the most popular international standards, such as IEC60896-21/22, CE, ISO and Eurobat Guide long life.

Stable Quality & High Reliability

CSPower battery is well-known for its stable and reliable performance. Sealed AGM batteries are all free maintenance; thus permitting a safe and proper operation of the equipments. The battery can withstand overcharge, over discharge, vibration, and shock. It is also capable of extended storage.

Long Service Life, Float or Cyclic

The CSPower VRLA battery has a long life in float or cyclic service. The expected life of float service is 12 years @ 25 C.

Low Pressure Venting System

CSPower batteries are equipped with a safe low pressure venting system, which operates from 1 psi to 6 psi. The venting system is designed to release excess gas in the event that the gas pressure rises to a level above the normal rate. Afterwards, the venting system automatically re-seals itself when the gas pressure level returns its normal rate. This feature prevents excessive build up of gas in the batteries. This low pressure venting system, coupled with the extraordinarily high recombination efficiency, ensure CSPower batteries be the safest VRLA batteries available.

Heavy Duty Grids

The heavy-duty lead calcium-alloy grids in CSPower batteries provide an extra margin of performance and service life in both float and cyclic applications, even in conditions of deep discharge.

Application

Industry use, Communication equipment, Telecommunication control equipment; Emergency systems; Electric power systems; Golf carts; Caravan; Power station; Nuclear power station; Solar power and wind power systems; Load leveling and storage equipment; Marine equipment; Power generation plants; Alarm systems; UPS and inverters; Medical equipment; Fire and security systems; Control equipment; Stand-by electric power.

CSPower MODEL	Voltage (V)	Capacity (Ah)	Battery Dimension(mm)				Weight (kg) (±3%)	Terminal	Bolt
			Length	Width	Height	Total Height			
CL2-200	2	200/10HR	170	106	330	367	13	T5	M8×16
CL2-300	2	300/10HR	171	151	330	365	18.5	T5	M8×16
CL2-400	2	400/10HR	211	176	329	367	26.1	T5	M8×16
CL2-500	2	500/10HR	241	172	330	364	31	T5	M8×16
CL2-600	2	600/10HR	301	175	331	366	37.7	T5	M8×16
CL2-800	2	800/10HR	410	176	330	365	51.6	T5	M8×16
CL2-1000	2	1000/10HR	475	175	328	365	62	T5	M8×16
CL2-1200	2	1200/10HR	472	172	338	355	68.5	T5	M8×16
CL2-1500	2	1500/10HR	401	351	342	378	96.5	T5	M8×16
CL2-2000	2	2000/10HR	491	351	343	383	130	T5	M8×16
CL2-2500	2	2500/10HR	712	353	341	382	180	T5	M8×16
CL2-3000	2	3000/10HR	712	353	341	382	190	T5	M8×16

CG2 LONG LIFE DEEP CYCLE GEL BATTERY

- > Voltage: 2V
- > Capacity: upto 2V3000Ah
- > Designed floating service life: 15~20 years @ 25 °C/77 °F.



SUMMARY

CSPower CG2V series pure GEL battery is with 15-20 years floating design life, equal to HTL12V series deep cycle gel batteries.

It is ideal for standby or frequent cyclic discharge applications under extreme environments. By adopting thicker grids, high purity 99.997% lead and patented Silicon Gel electrolyte, CG2V series offers excellent recovery performance after deep discharge under frequent cyclic discharge use, and can deliver 1500 cycles at 50% DOD even work in hot or cold area. Suitable for Solar, CATV, marine, industry, RV and deep discharge UPS, communication, and telecommunication, etc.

ADVANTAGES FOR 2V INDUSTRY GEL BATTERY

1. This Energy storage battery utilizes gel electrolyte technology. The uniformly distributed gel electrolyte is made by mixing sulfuric acid with silica fume.
2. The electrolyte can hold the battery plates securely in an immobile gel.
3. Radial grid design offers this power storage device excellent discharge performance.
4. Due to 4BS lead paste technology, our deep cycle gel battery provides long lasting service life.
5. Employing unique grid alloy, special gel formulation and distinct positive and negative lead paste ratio, the maintenance free battery boasts outstanding deep cycle service performance and over discharge recovery ability.
6. Completely manufactured from high purity raw materials, CSPower deep cycle gel battery has extremely low self discharge.
7. Gas recombination technology ensures excellent seal reaction efficiency, thus delivering no pollution such as acid mist to the environment.
8. The gel VRLA battery boasts reliable sealing technology which enables security seal performance.

CSPower MODEL	Voltage (V)	Capacity (Ah)	Battery Dimension (mm)				Weight (kg) (±3%)	Terminal	Bolt
			Length	Width	Height	Total Height			
CG2-200	2	200/10HR	170	106	330	367	13.5	T5	M8×16
CG2-300	2	300/10HR	171	151	330	365	19	T5	M8×16
CG2-400	2	400/10HR	211	176	329	367	26.5	T5	M8×16
CG2-500	2	500/10HR	241	172	330	364	31.5	T5	M8×16
CG2-600	2	600/10HR	301	175	331	366	38.2	T5	M8×16
CG2-800	2	800/10HR	410	176	330	365	52.1	T5	M8×16
CG2-1000	2	1000/10HR	475	175	328	365	62.5	T5	M8×16
CG2-1200	2	1200/10HR	472	172	338	355	69	T5	M8×16
CG2-1500	2	1500/10HR	401	351	342	378	97	T5	M8×16
CG2-2000	2	2000/10HR	491	351	343	383	131	T5	M8×16
CG2-2500	2	2500/10HR	712	353	341	382	181	T5	M8×16
CG2-3000	2	3000/10HR	712	353	341	382	191	T5	M8×16