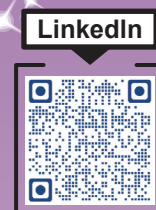


*Power You Can
Depend On*



HG-GEL Series

Valve Regulated Lead Acid



WWW.CDTROJAN.CN

HG-GEL Series

G-GEL Series

Valve Regulated

Lead Acid Battery – Gel Type



Applications

- Telecommunication systems
- Uninterruptible power supplies
- Electric Power Systems
- Electronic test equipment
- Control equipment
- Medical equipment
- Fire & security systems
- Solar systems
- Wine energy systems
- Other standby, cyclic and outdoor applications



Features and benefits

- Design life: 18 years (2V)
15 years (12V)
- Gel electrolyte technology for better wide temperature range performance, prevention from thermal runaway, insure reliability and safety
- Proprietary Pb-Ca Alloy - minimizing grid growth, reducing gassing, and extending battery life
- Flame arresting one-way pressure vents for safety and improved life
- Gas recombination efficiency of up to 99% for freedom from electrolyte maintenance
- Good deep cycle performance
- Lower self-discharge rate (Less than 3% per month)
- Not restricted for air transport - Complies with IATA/ICAO Special Provision A67
- Not restricted for surface transport - classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189
- Not restricted for water transport - classified as non-hazardous material per IMDG Amendment 27
- Manufactured in accordance with ISO 9001, ISO 14001, and ISO 45001
- Designed to be compliant with international standard IEC 60896-21/22

Specifications

Model	V	Capacity/Ah, C20,1.75EPV, 25°C	Capacity/Ah, C10,1.80EPV, 25°C	Weight/Kg	Dimensions(mm)				Resistance (mΩ)	Terminal Type (Bolt)
					L	W	H	TH		
C&D 12-55HG	12	57.8	55	19.5	350	167	179	179	8.0	Insert(M6)
C&D 12-75HG	12	75.6	72	26.5	306	169	210	215	7.5	Insert(M6)
C&D 12-90HG	12	94.6	90	29.5	330	171	215	220	7.0	Insert(M6)
C&D 12-100HG	12	110	105	35.5	410	176	224	224	6.5	Insert(M8)
C&D 12-120HG	12	126	120	43.0	482	170	240	240	6.0	Insert(M8)
C&D 12-135HG	12	138	135	44.3	482	170	240	240	6.0	Insert(M8)
C&D 12-160HG	12	171	160	59.0	530	207	215	220	5.8	Insert(M8)
C&D 12-180HG	12	188	180	62.0	522	238	218	223	5.5	Insert(M8)
C&D 12-200HG	12	210	200	70.0	520	269	203	208	4.5	Insert(M8)
C&D 12-220HG	12	226	220	72.5	520	269	220	225	4.0	Insert(M8)
C&D 2-200HG	2	214	200	14.8	173	111	330	342	0.85	Insert(M8)
C&D 2-300HG	2	322	300	19.5	171	151	330	342	0.75	Insert(M8)
C&D 2-400HG	2	428	400	27	210	176	330	342	0.70	Insert(M8)
C&D 2-500HG	2	536	500	31	242	175	330	342	0.65	Insert(M8)
C&D 2-600HG	2	642	600	40	302	175	330	342	0.60	Insert(M8)
C&D 2-800HG	2	856	800	53.5	410	175	330	367	0.55	Insert(M8)
C&D 2-1000HG	2	1070	1000	63.5	475	175	330	342	0.60	Insert(M8)
C&D 2-1500HG	2	1606	1500	105	400	350	345	367	0.60	Insert(M8)
C&D 2-2000HG	2	2140	2000	120	476	337	330	342	0.60	Insert(M8)

Operating Temperature Range	-20°C to 60°C
Nominal Operating Temperature Range	23°C - 27°C
Float Charging Voltage	12V: 13.38 to 13.62 VDC per unit @25°C 2V: 2.23 to 2.27 VDC per unit @25°C
Recommended Maximum Charging Current Limit	C/5 Amperes@ 20hr rate
Equalize charge and cycle service voltage	12V: 14.4 to 14.7 VDC per unit @25°C 2V: 2.40 to 2.45 VDC per unit @25°C
Self Discharge	Batteries can be stored for 4 months at 25°C. Batteries stored at temperatures greater than 25°C will require recharge sooner. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.
Container Material	UL94 V-0

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