

DCG Series-Gel Battery for Deep-cycle Service

DCG Series Deep-Cycle Gel batteries are maintenance free and require no watering, while providing you the unmatched quality and power of CBB's advanced deep cycle gel technology.



Features:

- The success of DCG batteries comes from the internationally superior Gel technology.
- Excellent energy storage capacity combined with high reliability.
- Designed in accordance with IEC 60254-1 700 Cycles at 75%DOD.
- 7 years design life at 20 °C ambient temperature (80% remaining capacity from C20).
- Grid plate construction consisting of a lead calcium alloy.
- Very low gassing due to the internal gas recombination.
- High cycle service life.
- Better temperature resistance performance.
- Excellent deep cycle performance.
- Superior low current discharge performance.
- Better charge acceptability.
- Better safety performance and reliability.
- High Performance price ratio and low yearly operating cost.
- Non-Spillable construction design.
- Safety valve installation makes it explosion proof.
- Low self discharge characteristic.
- ABS containers and covers (UL94HB, UL94V-0 optional) .
- Gel-batteries are designed to be operated within a wide temperature range -40° C and +55° C.
- Maintenance-free (no topping up) motive power batteries in gel technology.
- Completely recyclable.

Benefits

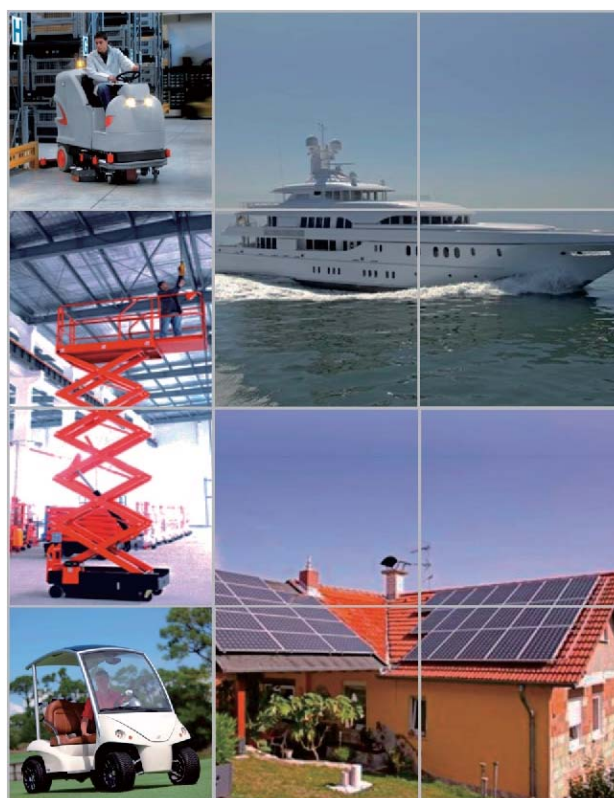
- Long-lasting runtime and battery life in the most demanding of applications.
- Proprietary Gel formulation prevents stratification.
- Superior engineering offers exceptional durability.
- Sealed containers ensure safe use in schools, hospitals, office buildings and other health & safety-sensitive (HSE) environments.

Charging

	Charge Voltage	Charging Current
Float Voltage	2.30VPC	10 to 35 A per 100Ah
Voltage on boost charge stage	2.35VPC-2.45VPC	
Max. switch - mode voltage	2.45VPC	
Equalizing charge voltage (max. values)	2.45VPC	

Applications

- Aerial Work Platform (AWP)/Access
- Material Handling
- Floor Machine
- Recreational Vehicle (RV)
- Industrial
- Electric Boats
- Golf/Utility/Neighborhood Electric Vehicle (NEV)
- Wheelchairs
- Remote Monitoring & Instrumentation
- Renewable Energy (Solar, Small Wind and Small Hydro)



DCG Series-Technical Specification

Model No	Industry No	Rated Voltage (V)	Capacity (Ah/20Hr)	Dimension				Weight		Terminal
				Length	Width	Height	Total	kg	pound	
				mm	mm	mm	mm			
6V DEEP CYCLE GEL BATTERY										
DCG200-6	27	6	200	306	168	220	226	30.1	66.22	T5
DCG210-6	GC2/T605	6	210	260	180	246	252	29.6	65.12	T5
DCG220-6	27	6	220	306	168	220	226	31.6	69.52	T5
DCG225-6	DIN/TE35	6	225	243	187	275	275	30.6	67.32	T5/AP
DCG226-6	GC2/T105	6	226	260	180	247	252	30.2	66.44	T5
DCG250-6	T145	6	250	260	180	265	272	34.7	76.34	T5
DCG310-6	902/J305	6	310	295	178	354	360	46.2	101.64	T5/DT
DCG330-6	902/J305	6	330	295	178	354	360	46.8	102.96	T5/DT
DCG380-6	L16P	6	380	295	178	404	410	55.5	122.10	T5/DT
DCG420-6	L16H	6	420	295	178	404	410	57	125.40	T5/DT
8V DEEP CYCLE GEL BATTERY										
DCG170-8	T875/890	8	170	260	182	266	271	34.2	75.24	T5
DCG200-8	GC8H	8	200	260	182	295	300	38.2	84.04	T5
12V DEEP CYCLE GEL BATTERY										
DCG24-12	N/A	12	24	166	175	126	126	8.4	18.48	T2
DCG26-12	N/A	12	26	165	126	174	174	8.5	18.70	T2
DCG35-12	U1	12	35	196	130	155	167	10.6	23.32	T2
DCG40-12	U1L	12	40	198	166	174	174	14.3	31.46	T2
DCG48-12	U1L	12	48	198	166	174	174	14.6	32.12	T2
DCG55-12	22NF	12	55	229	138	208	212	16.1	35.42	T3
DCG70-12	93	12	70	350	167	178	178	23.4	51.48	T3
DCG75-12	24	12	75	260	169	211	215	25.1	55.22	T3
DCG85-12	24	12	85	260	169	211	215	26.2	57.64	T3
DCG90-12	27	12	90	307	169	211	216	28.3	62.26	T3/AP
DCG100-12	27	12	100	307	169	211	216	30.3	66.66	T3/AP
DCG110-12	31	12	110	331	174	214	219	33.5	73.70	T4/AP
DCG110-12B	31	12	110	328	172	217	222	32.7	71.94	T4
DCG120-12	N/A	12	120	407	173	210	233	39.5	86.90	T5
DCG135-12	J150	12	135	341	173	283	288	41	90.20	T5/AP
DCG150-12	N/A	12	150	484	171	241	241	45.7	100.54	T5
DCG150-12B	T1275	12	150	338	182	267	272	44.4	97.68	T5
DCG180-12	4D	12	180	532	206	216	222	56.2	123.64	T4
DCG200-12	4D	12	200	532	206	216	222	58.6	128.92	T4
DCG220-12	4D	12	220	522	240	219	225	65.2	143.44	T5
DCG240-12	8D	12	240	520	269	203	209	71.3	156.86	T5
DCG260-12	8D	12	260	520	268	220	226	77.3	170.06	T5