

DG SERIES

2V/6V/12V 26~300AH

Deep Cycle Gel Valve Regulated Lead Acid Battery

DG (Deep Cycle GEL) series is pure GEL battery with 20 years floating design life, it is ideal for standby or frequent cyclic discharge applications under extreme environments.

Specification

Capacity range	26Ah-3000Ah
Voltage class	2V/6V/12V
Long design life (25°C)	15 years(6V/12V) 20 years(2V)
Low self-discharge rate	≤3%/month
High sealed reaction efficiency	≥99%



Main Features

- **Grid:** Patent primary and secondary grid structure design.
- **Positive plate:** Pasted flat type, high temperature and humidity formation technics.
- **Separator:** High porosity PE separator with glass fibre good cyclic characteristics, and lower resistance.
- **Battery container:** High strength ABS(UL94-HB) and UL94-VO is optional.
- **Post sealing:** Patent double layer post sealing.
- **Safety Valve:** Narrow operate pressure range and equipped, with explosion-proof arrester and acid filter.

DG 6V/12V Main Parameters

Module	Nominal Voltage	Capacity C ₂₀ /1.75vpc (Ah)	Dimension (mm)				Weight (Kg)	Terminal Type	Terminal Position
	(V)		Length	Width	Hight	Total Hight			
DG12-26	12	26	166	176	125	125	8.1	F3(M5)/F13(M5)/T24(M5)	D
DG6-100	6	100	194	170	205	212	16.5	F14(M8)	A
DG6-150	6	150	260	180	245	252	22.5	F12(M8)	B
DG6-180	6	180	306	168	220	227	25.5	F12(M8)	B
DG6-200	6	200	322	177.5	226	231	28	F16(M8)/F14(M8)	A
DG6-200S	6	200	260	180	245	252	26.5	F12(M8)	B
DG6-225	6	225	322	177.5	226	231	32	F16(M8)/F14(M8)	A
DG6-225S	6	225	243	187	275	275	32	F14(M8)	B
DG6-280	6	280	295	178	346	351	41.7	F14(M8)	B
DG6-310	6	310	295	178	346	351	44.5	F14(M8)	B
DG6-335	6	335	295	178	346	351	45.5	F14(M8)	B
DG12-33	12	33	195	130	155	168	9.8	F7(M8)/F11(M6)	C
DG12-40	12	40	198	166	169	169	12.4	F4(M6)/F11(M6)	D
DG12-55	12	55	229	138	211	216	16.5	F15(M6)/F11(M6)	C
DG12-65	12	65	350	167	182	182	19.5	F5(M8)/F11(M6)	C
DG12-70	12	70	350	167	182	182	21	F5(M8)/F11(M6)	C
DG12-60	12	60	260	169	211	216	20.5	F15(M6)/F11(M6)	C
DG12-70S	12	70	260	169	211	216	21.5	F15(M6)/F11(M6)	C
DG12-75	12	75	260	169	211	216	22.5	F15(M6)/F11(M6)	C
DG12-75S	12	75	350	167	182	182	22.5	F5(M8)/F11(M6)	C
DG12-80S	12	80	328	172	215	220	24	F5(M8)/F12(M8)	C
DG12-100S	12	100	306.5	168.5	210	215	27	F15(M6)/F12(M8)	C
DG12-100	12	100	328	172	215	220	29	F6(M8)/F12(M8)	C
DG12-120	12	120	407	177	225	225	33.5	F5(M8)/F12(M8)	C
DG12-134	12	134	340	173	280	287	39	F5(M8)/F12(M8)	C
DG12-145	12	145	340	173	280	287	41	F5(M8)/F12(M8)	C
DG12-150	12	150	483	170	241	241	45	F5(M8)/F12(M8)	C
DG12-160S	12	160	483	170	241	241	48	F5(M8)/F12(M8)	C
DG12-160	12	160	532	207	214	219	48	F16(M8)/F12(M8)	E
DG12-180	12	180	532	207	214	219	51	F16(M8)/F12(M8)	E
DG12-200	12	200	522	240	219	224	58	F16(M8)/F10(M8)	E
DG12-225	12	225	522	240	219	224	63	F16(M8)/F10(M8)	E
DG12-230	12	230	521	269	204	209	67	F10(M8)	E
DG12-260	12	260	521	268	220	225	71	F14(M8)	E

DG FT 12V Main Parameters

Module	Nominal Voltage	Capacity C ₂₀ /1.75vpc (Ah)	Dimension (mm)				Weight (Kg)	Terminal Type	Terminal Position
	(V)		Length	Width	Hight	Total Hight			
FT12-55G	12	55	291	106	230	230	18	F11(M6)	E
FT12-90G	12	90	562	114	188	188	26.5	F6(M8)	E
FT12-105G	12	105	508	110	236	236	32.5	F17(M8)/F8(M6)	E
FT12-110G	12	110	410	110	286	286	31.2	F9(M8)	E
FT12-150G	12	150	565	110	288	288	43.5	F9(M8)	E
FT12-160G	12	160	565	110	288	288	47	F9(M8)	E
FT12-180G	12	180	660	125	316	316	52	F9(M8)	E

DG 2V Main Parameters

Module	Nominal Voltage	Capacity C ₂₀ /1.75vpc (Ah)	Dimension (mm)				Weight (Kg)	Terminal Type	Terminal Position
	(V)		Length	Width	Hight	Total Hight			
DG2-200	2	200	170	106	330	342	13	F10(M8)	G
DG2-250	2	250	170	106	330	342	16.5	F10(M8)	G
DG2-300	2	300	170	150	330	342	18	F10(M8)	G
DG2-350	2	350	196	171	330	342	20.5	F10(M8)	G
DG2-400	2	400	196	171	330	342	26	F10(M8)	G
DG2-450	2	450	196	171	330	342	28	F10(M8)	G
DG2-500	2	500	241	171	330	342	30.5	F10(M8)	G
DG2-600	2	600	285	171	330	342	36.5	F10(M8)	H
DG2-650	2	650	285	171	330	342	40	F10(M8)	H
DG2-750	2	750	383	171	330	342	46	F10(M8)	H
DG2-800	2	800	383	171	330	342	50	F10(M8)	H
DG2-1000	2	1000	471	171	330	342	60	F10(M8)	H
DG2-1200	2	1200	471	171	330	342	66	F10(M8)	H
DG2-1500	2	1500	355	337	330	342	91	F10(M8)	K
DG2-2000	2	2000	476	337	330	342	120	F10(M8)	K
DG2-2500	2	2500	696	340	330	342	140	F10(M8)	L
DG2-3000	2	3000	696	340	330	342	178	F10(M8)	L