

Stationary

GEL

**100%
maintenance
free**

By combining the newly developed Nanometer Gel electrolyte, high tin content cathode plate and AGM separator, the DGY series battery enjoys excellent discharging performance, long cycle life and stable performance at high and low temperature environments. DGY series is suited for all kinds of ranges for energy storage, especially for renewable energy systems etc.

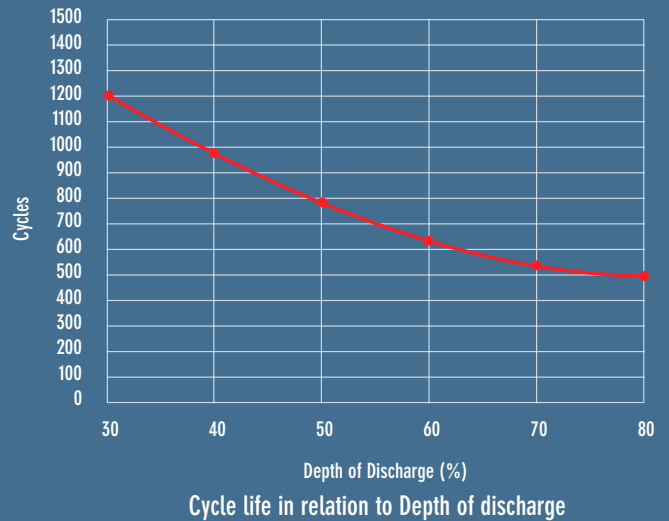


15 year Life Design "Floating Use"
VRLA: Valve Regulated Lead-Acid
SLA: Sealed Lead-Acid
AGM: Absorbed Glass Matt

BENEFITS

- Sealed design, free of maintenance
- 15 years design life "Floating Use" @ 25°C/68°F
- Wide operating temperature range: -15°C to 35°C
- Nanometer gel electrolyte eliminates acid stratification and prolongs cycle life
- Low self-discharge rate: ≤3%/month

SERVICE LIFE: 500 CYCLES DOD 80%



APPLICATIONS



UPS



Telecom



Railway



Wind energy



Solar

TECHNICAL INFORMATION

For more details about layouts & terminals, flip to page 63 for more information.

GENERAL FEATURES

- Nanosilica colloidal electrolyte combined with high tin positive plate alloy design enhances battery performance
- Relatively rich electrolyte, high and low temperature performance is superior.
- Long cycle life
- Excellent charge acceptance ability
- Precision sealing technology



Ref.	Voltage (V)	Capacity (Ah/ C20)	Capacity (Ah/CS)	Dimensions (mm)			Weight (kg)	Lay-out	Terminals
				X	Y	H			
6V									
DGY6-110	6	100,0	86,0	194	170	212	16,5	1	M8
DGY6-160	6	189,0	157,0	298	171	229	26,9	1	M8
DGY6-180	6	210,0	187,0	260	180	276	29,5	0	M8 + 1
DGY6-200	6	248,0	220,0	322	178	231	34,0	1	M8
DGY6-225	6	242,0	205,5	243	188	275	32,0	0	1
8V									
DGY8-180	8	157,0	128,0	260	182	298	36,4	1	DT 1 + 8
12V									
DGY12-7.5	12	8,5	7,9	151	65	103	2,3	3	T1
DGY12-13	12	12,0	10,4	151	98	100	3,8	3	T2
DGY12-18	12	18,0	15,6	181	77	167	5,5	0	M5
DGY12-26	12	26,0	22,1	166	176	125	8,0	0	M5
DGY12-33	12	36,4	28,3	195	130	160	10,2	1	M6
DGY12-44	12	45,4	36,8	198	167	158	13,5	0	M6
DGY12-55	12	59,0	49,1	229	138	208	16,5	1	M6
DGY12-60	12	71,6	57,7	260	168	180	22,1	1	M6
DGY12-65	12	75,0	61,1	279	175	190	22,7	0	M6
DGY12-70J	12	69,6	58,5	350	166	175	21,0	0	M6
DGY12-80	12	87,0	78,0	260	168	211	24,0	1	M6
DGY12-100	12	105,0	99,0	307	168	214	30,7	1	M8
DGY12-110	12	123,0	110,0	330	172	214	32,0	1	M8
DGY12-150	12	161,4	136,5	483	170	241	45,0	1	M8
DGY12-160	12	180,0	155,0	532	207	219	53,0	4	M8
DGY12-200	12	214,0	178,5	522	240	222	62,5	4	M8
DGY12-225	12	263,0	216,0	521	269	208	74,5	4	M8