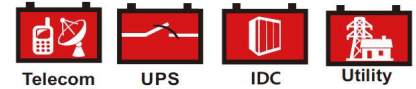


GudE Potencia DEG Series is a long duration designed AGM+GEL type VRLA Battery. With anti-corrosive thick grid and advanced Nano-Gel technology, DE series delivers high reliability performance and long float service life up to 15 years, and it is highly suited for telecommunication, UPS systems, IDC datacenter and other power backup applications.



FEATURES AND BENEFITS

- 15 years designed float life at 25°C (77°F)
- Valve Regulated Lead Acid AGM+GEL technology
- Thick flat plate design enables cyclic applications
- Flexible design for both horizontal and vertical installations at different locations
- Low self-discharge rate and high reliability
- Wide operation temperature range for multiple working scenarios
- Flame Retardant ABS case (UL94 V-0, Optional)
- International Standards Compliance, i.e. IEC, EN, BS, CE, etc.



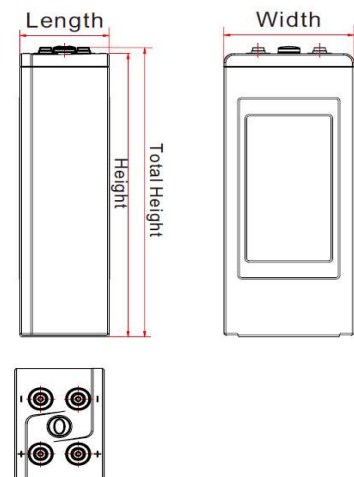
ELECTRICAL SPECIFICATIONS

Model No.	Number of Cells	Nominal Voltage (V)	Capacity (25°C)					Internal Resist. (mΩ)	Short Circuit Current (A)	Maximum Current	
			C ₁₀ @ 1.8V/cell	C ₅ @ 1.75V/cell	C ₃ @ 1.7V/cell	C ₁ @ 1.6V/cell	C _{15min} @ 1.6V/cell			Charge (A)	Discharge (5s) (A)
			(Ah)								
2DEG300	1	2	300	294	234	193	708	< 0.6	4000	75	1500
2DEG300L	1	2	300	294	234	193	708	< 0.6	4000	75	1500
2DEG400	1	2	400	392	323	257	881	< 0.44	5100	100	2000
2DEG400L	1	2	400	392	323	257	881	< 0.44	5100	100	2000
2DEG500	1	2	500	490	391	322	1078	< 0.4	6000	125	2000
2DEG500L	1	2	500	490	391	322	1078	< 0.4	6000	125	2000
2DEG600	1	2	600	588	469	386	1186	< 0.33	7000	150	2500
2DEG600L	1	2	600	588	469	386	1186	< 0.33	7000	150	2500
2DEG800	1	2	800	784	617	515	1708	< 0.28	9000	200	3200
2DEG800L	1	2	800	784	617	515	1708	< 0.28	9000	200	3200
2DEG1000	1	2	1000	980	806	642	2142	< 0.24	11000	250	4000
2DEG1000L	1	2	1000	980	806	642	2142	< 0.24	11000	250	4000

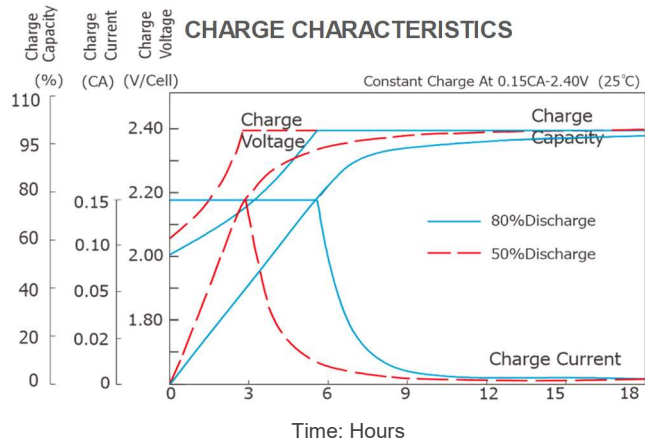
* For detailed discharge data of each single battery model, contact us by sending emails to info@gudepotencia.com

PHYSICAL SPECIFICATIONS

Model No.	Dimension(mm)				Weight (kg)	Terminal	
	Length	Width	Height	Total Height		Type	Torque (N·m)
2DEG300	126	187	361.5	375	20	F-M8	10-12
2DEG300L	126	187	361.5	375	21.6	F-M8	10-12
2DEG400	166	184.5	361.5	375	26	F-M8	10-12
2DEG400L	166	184.5	361.5	375	27.2	F-M8	10-12
2DEG500	197	187	361.5	375	31.5	F-M8	10-12
2DEG500L	197	187	361.5	375	33	F-M8	10-12
2DEG600	223	184.5	361.5	371.5	36	F-M8	10-12
2DEG600L	223	184.5	361.5	371.5	38	F-M8	10-12
2DEG800	229	154	555	568.7	52.7	F-M8	10-12
2DEG800L	229	154	555	568.7	58.5	F-M8	10-12
2DEG1000	229	186	555	568.7	62.8	F-M8	10-12
2DEG1000L	229	186	555	568.7	69	F-M8	10-12

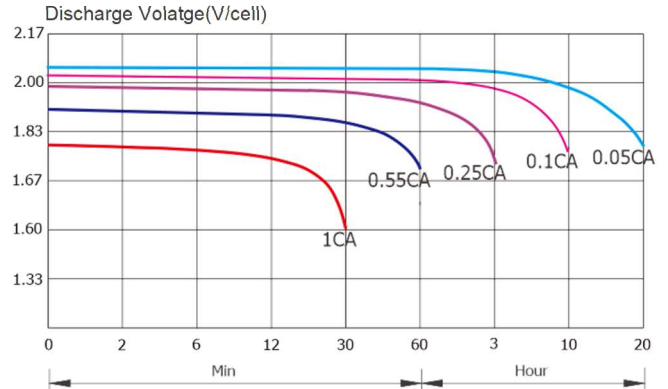


CHARGE / DISCHARGE CHARACTERISTICS

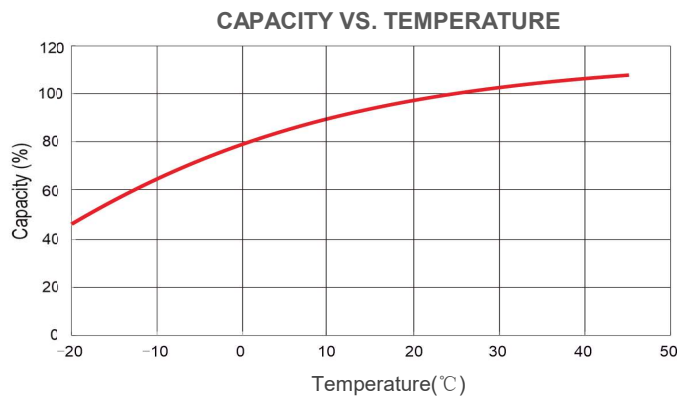
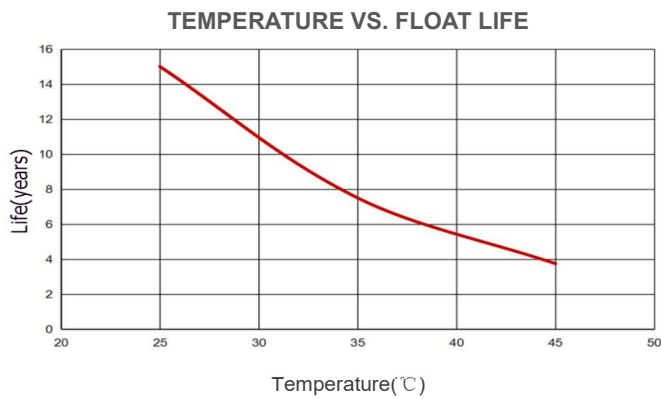


• Float voltage: 2.25Vpc, Equalization voltage: 2.35 - 2.40Vpc @25°C

DISCHARGE CHARACTERISTICS (25°C)

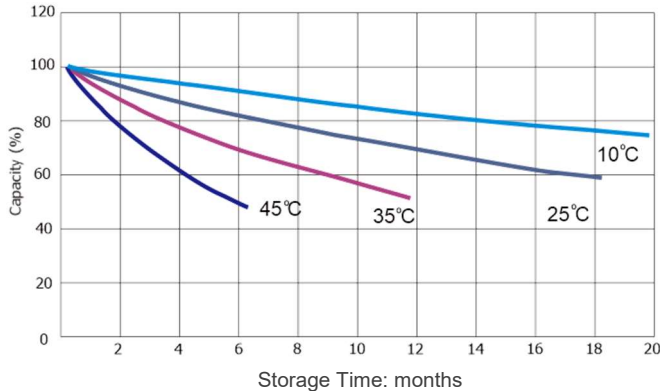


TEMPERATURE CHARACTERISTICS

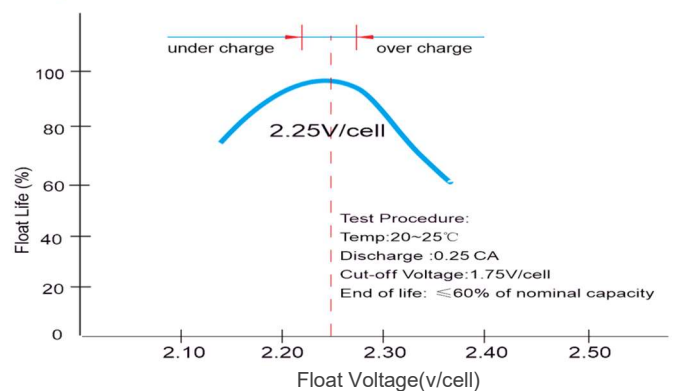


Temperature Range		
Discharge	Charge	Storage
-20 °C to +60°C	-20 °C to +60°C	-20 °C to +45°C

SELF-DISCHARGE CHARACTERISTICS



STATIONARY / FLOAT CHARACTERISTICS



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