

GudE Potencia DE Series is a long duration designed AGM type VRLA Battery. With anti-corrosive thick grid and advanced manufacturing techniques, 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 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.



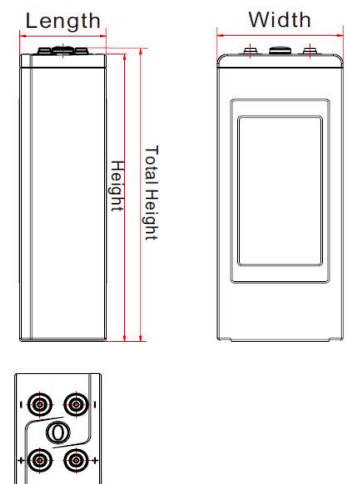
ELECTRICAL SPECIFICATIONS

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 ₈ @ 1.75V/cell	C ₃ @ 1.7V/cell	C ₁ @ 1.6V/cell	C _{15min} @ 1.6V/cell			Charge (A)	Discharge (5s) (A)
			(Ah)								
2DE300	1	2	300	294	234	193	716	< 0.6	4000	75	1500
2DE300L	1	2	300	294	234	193	716	< 0.6	4000	75	1500
2DE400	1	2	400	392	323	257	890	< 0.44	5100	100	2000
2DE400L	1	2	400	392	323	257	890	< 0.44	5100	100	2000
2DE500	1	2	500	490	391	322	1089	< 0.4	6000	125	2000
2DE500L	1	2	500	490	391	322	1089	< 0.4	6000	125	2000
2DE600	1	2	600	588	469	386	1320	< 0.33	7000	150	2500
2DE600L	1	2	600	588	469	386	1320	< 0.33	7000	150	2500
2DE800	1	2	800	784	617	515	1725	< 0.28	9000	200	3200
2DE800L	1	2	800	784	617	515	1725	< 0.28	9000	200	3200
2DE1000	1	2	1000	980	806	642	2163	< 0.24	11000	250	4000
2DE1000L	1	2	1000	980	806	642	2163	< 0.24	11000	250	4000

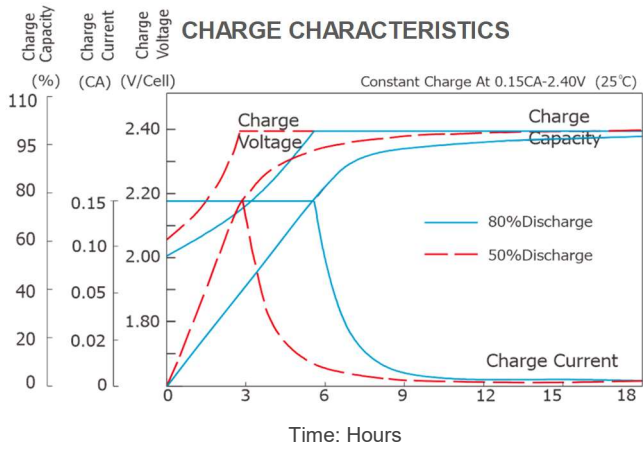
• For detailed discharge data of each single battery model, contact us by sending emails to info@gudepotencia.com

PHYSICAL SPECIFICATIONS

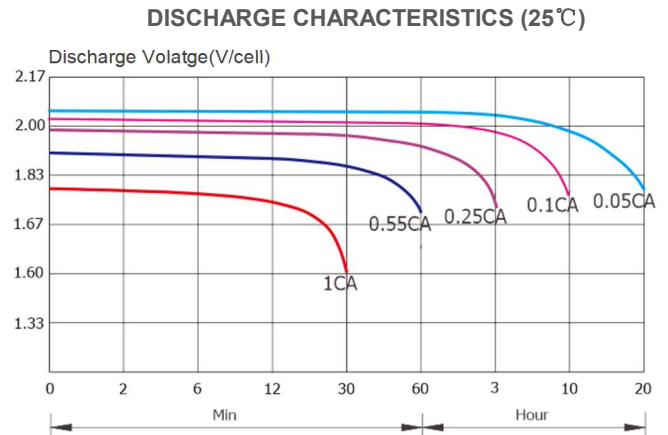
Model No.	Dimension (mm)				Weight (kg)	Terminal	
	Length	Width	Height	Total Height		Type	Torque (N·m)
2DE300	126	187	361.5	375	20	F-M8	10-12
2DE300L	126	187	362	375	22	F-M8	10-12
2DE400	166	184.5	361.5	375	26	F-M8	10-12
2DE400L	166	184.5	362	375	27	F-M8	10-12
2DE500	197	187	361.5	375	31.5	F-M8	10-12
2DE500L	197	187	362	375	33	F-M8	10-12
2DE600	223	184.5	361.5	371.5	36	F-M8	10-12
2DE600L	223	184.5	362	372	38	F-M8	10-12
2DE800	229	154	555	568.7	52.7	F-M8	10-12
2DE800L	229	154	555	569	59	F-M8	10-12
2DE1000	229	186	555	568.7	62.8	F-M8	10-12
2DE1000L	229	186	555	569	69	F-M8	10-12



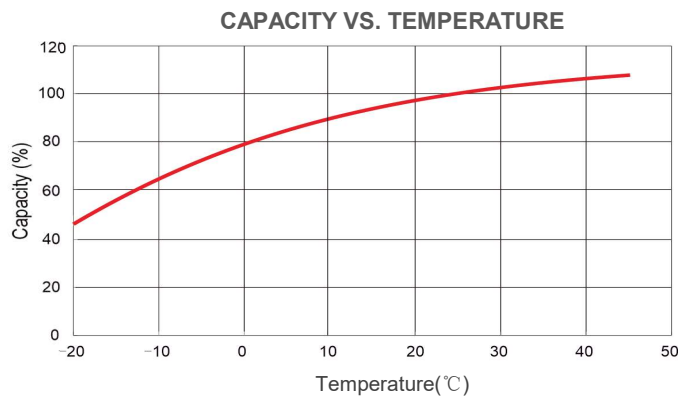
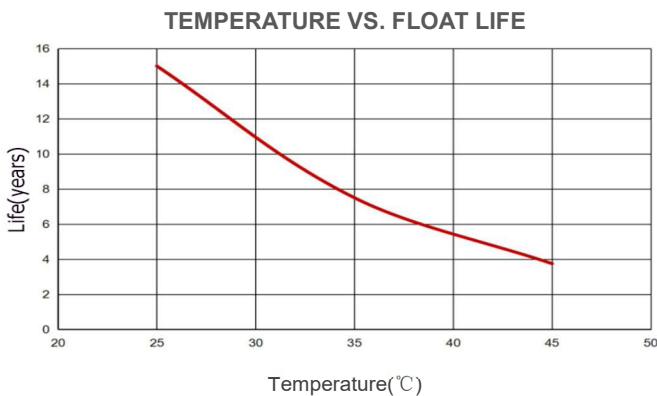
CHARGE / DISCHARGE CHARACTERISTICS



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

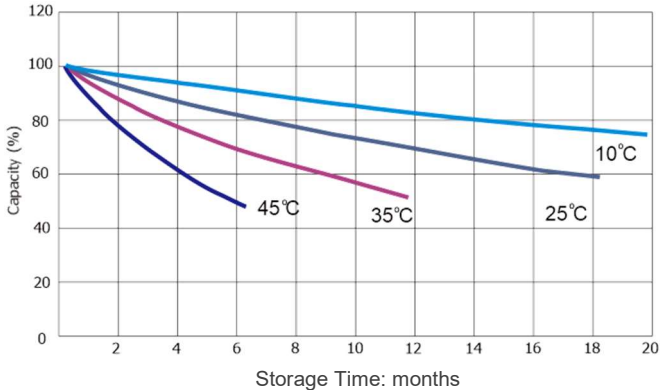


TEMPERATURE CHARACTERISTICS

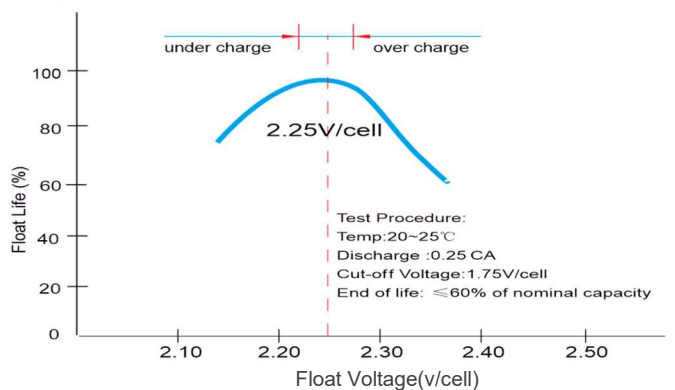


Temperature Range		
Discharge	Charge	Storage
-20 °C to +60°C	-20 °C to +60°C	-20 °C to +45°C

SELF-DISCHARGE CHARACTERISTICS



STATIONARY / FLOAT CHARACTERISTICS



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