DELTEC AGM

DEL Series AGM-GEL Battery

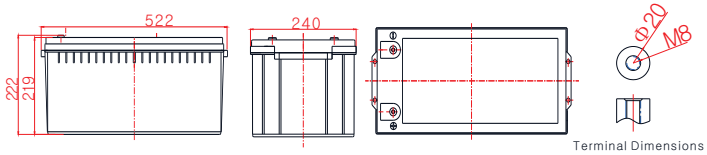
DEL-12V200D



General Features

- Nanosilica colloidal electrolyte and high tin positive plate alloy design to enhance battery performance
- Relatively rich electrolyte, high temperature and low temperature performance is superior
- Long cycle life, excellent deep cycle discharge ability
- Excellent charge acceptance ability
- Precision sealing technology
- Long life

Dimension:522(L)×240(W) ×219(H)×222(TH) Unit: mm



Terminal Dimensions

Applications

- Solar / wind energy and other new energy storage
- UPS/EPS
- Power systems
- Telecommunications system
- Emergency lighting、Auto control system
- Other general purpose

Specification

Nominal Voltage	12V
Nominal Capacity	200Ah
Design life	12 years
Terminal	M8
Approx. Weight	Approx 59.0kg (130lbs)
Container Material	ABS
Rated Capacity	200Ah 20Hour Rate (10.0A to 10.5V) 186Ah 10Hour Rate (18.6A to 10.5V) 150Ah 3Hour Rate (49.9A to 10.5V) 122Ah 1Hour Rate (122A to 10.5V)
Internal resistance	Full charged at 25°C: 3.0 mΩ
Max. Discharge Current	2400A(5S)
Operating Temperature	Discharge: -40 ~60℃(-40~ 140°F) Charge: -20 ~50℃(-4~ 122°F) Storage: -20 ~50℃(-4~ 122°F)
Charge Method (25 °C)	Charge current: Max. 50.0A ; Recom.20.0A Float Charge:13.5-13.8V,recom.13.5V(-18mV/ °C) Equalize charge:13.8-14.1V,recom.14.1V(-24mV/ °C) Cycle charge:14.4-15.0V,recom.14.4V(-30mV/ °C)
Self discharge	3% of capacity declined per month at 25°C

Constant Current Discharge Characteristics Unit: A (25℃, 77℉)

FV/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	655	352	214	125	71.8	52.1	35.0	23.0	19.3	10.1
1.65V	635	341	210	124	71.4	51.6	34.6	22.8	19.1	10.1
1.70V	610	334	207	124	70.9	50.8	34.2	22.6	19.0	10.0
1.75V	561	323	205	122	69.8	50.3	33.9	22.4	18.8	10.0
1.80V	503	301	196	119	68.5	49.9	33.0	22.2	18.6	9.94
1.85V	448	268	179	110	65.0	47.0	31.3	21.3	18.0	9.78

Constant Power Discharge Characteristics Unit: W/cell (25℃, 77℉)

FV/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	1098	620	387	237	136	99.1	66.3	44.6	37.2	20.1
1.65V	1056	609	384	235	135	97.8	65.9	44.3	36.8	20.0
1.70V	1051	602	384	233	135	97.3	65.4	44.1	36.4	19.9
1.75V	980	598	382	231	134	96.7	65.0	43.7	36.1	19.8
1.80V	900	565	373	229	134	96.4	64.3	43.3	35.7	19.7
1.85V	803	505	342	213	128	91.6	61.4	41.9	35.1	19.5

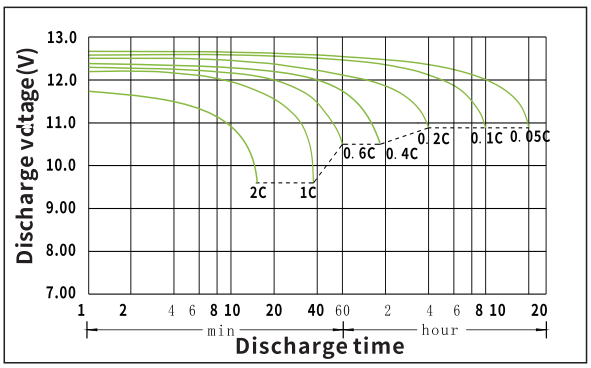
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

DELTEC
AGM

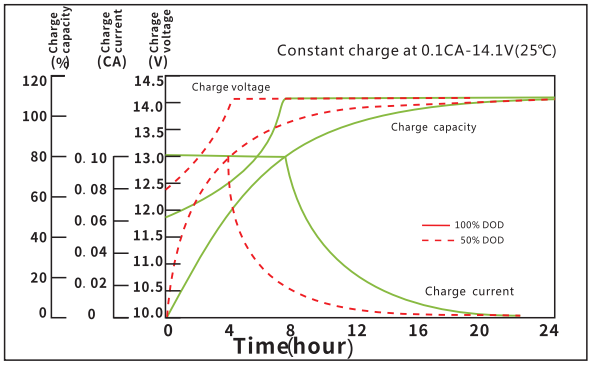
DEL-12V200D

DEL Series AGM-GEL Battery

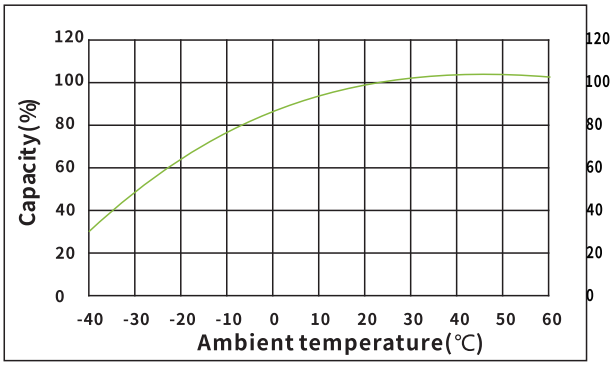
Discharge characteristic



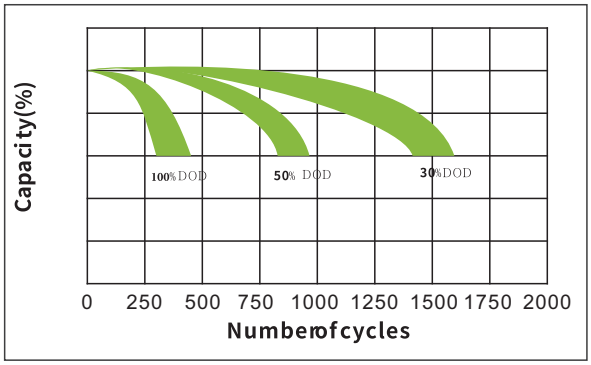
Charging characteristic



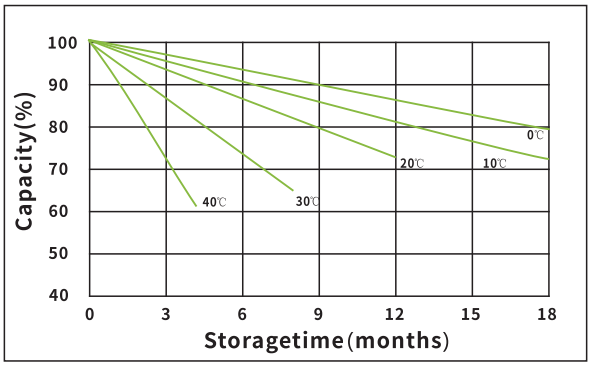
The effect of temperature on capacity



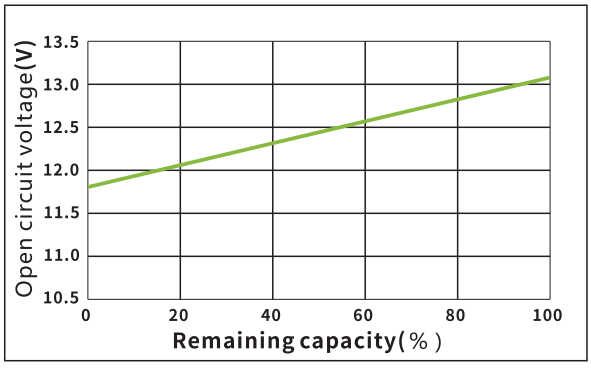
The effect of discharge depth on cycle life



Curves of self-discharge



Curves of open circuit voltage vs. capacity



DIRECT CURRENT DOWN UNDER
1300 200 737
www.dcdownunder.com.au