

DEL-12V260D

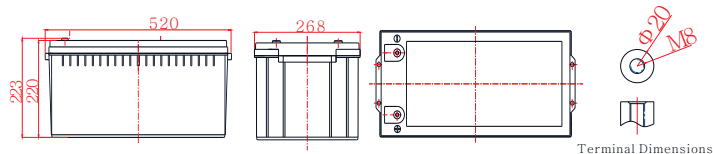


General Features

- 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: 520(L) × 268(W) × 220(H) × 223(TH) Unit: mm



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	260Ah
Design life	12 years
Terminal	M8
Approx. Weight	Approx 71.0kg (157lbs)
Container Material	ABS
Rated Capacity	260Ah ➤ 20Hour Rate (13.0A to 10.5V)
	244Ah ➤ 10Hour Rate (24.4A to 10.5V)
	195Ah ➤ 3Hour Rate (65.3A to 10.5V)
	158Ah ➤ 1Hour Rate (158A to 10.5V)
Internal resistance	Full charged at 25°C: 2.8 mΩ
Max. Discharge Current	3000A(5S)
Operating Temperature	Discharge: -40 ~60°C (-40~ 140°F)
	Charge: -20 ~50°C (-4~ 122°F)
	Storage: -20 ~50°C (-4~ 122°F)
Charge current:	Max. 65.0A ; Recom.26.0A
Charge Method (25 °C)	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°C, 77°F)

F.V/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	853	458	278	163	93.3	67.6	45.5	29.9	25.1	13.2
1.65V	824	445	273	162	92.8	67.1	45.0	29.6	24.9	13.1
1.70V	793	434	268	161	92.0	66.0	44.5	29.4	24.6	13.1
1.75V	728	419	265	158	90.7	65.3	43.9	29.1	24.4	13.0
1.80V	653	393	255	154	88.9	65.0	42.9	28.9	24.2	12.9
1.85V	582	348	232	143	84.5	61.1	40.8	27.8	23.4	12.7

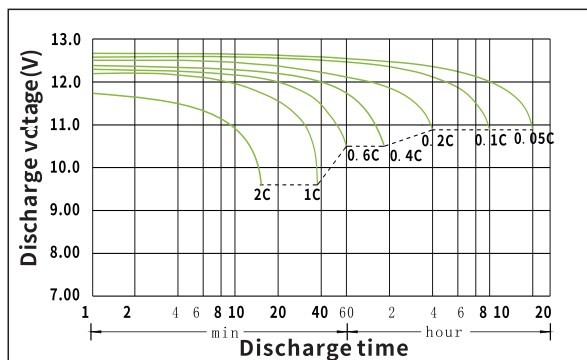
Constant Power Discharge Characteristics Unit: W/cell (25°C, 77°F)

F.V/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	1537	866	541	330	190	139	92.8	62.4	52.0	28.1
1.65V	1477	853	536	328	189	137	92.3	61.9	51.5	28.1
1.70V	1469	842	536	325	189	136	91.5	61.6	51.0	27.8
1.75V	1370	837	533	322	187	135	91.0	61.1	50.4	27.8
1.80V	1258	790	523	320	187	135	90.0	60.6	49.9	27.6
1.85V	1123	707	478	299	179	128	85.8	58.5	49.1	27.3

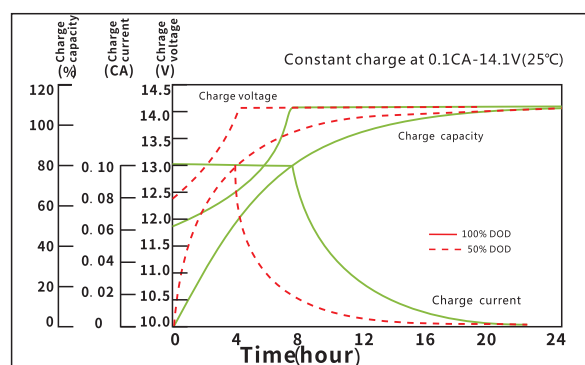
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

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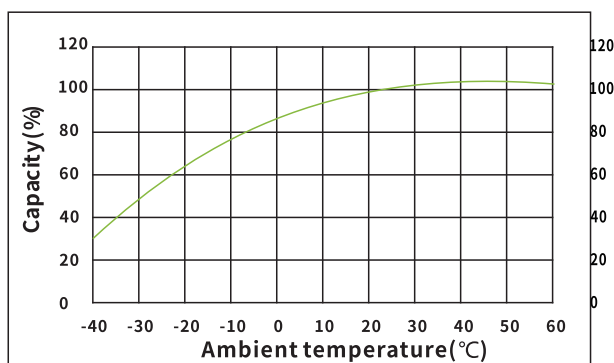
Discharge characteristic



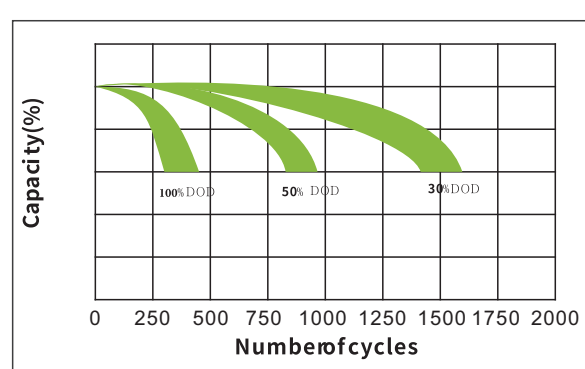
Charging characteristic



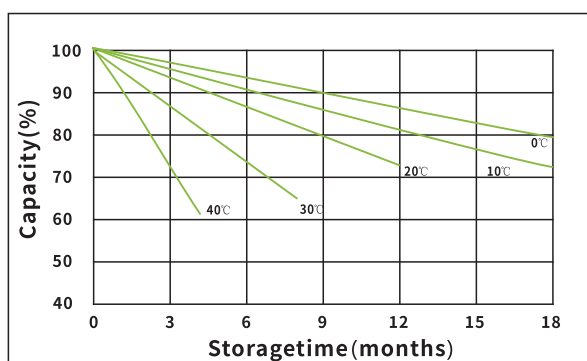
The effect of temperature on capacity



The effect of discharge depth on cycle life



Curves of self-discharge



Curves of open circuit voltage vs. capacity

