

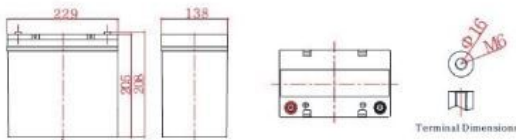


GENERAL FEATURES

- 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: 229(L)×138(W)×205(H)×208(TH) Unit: mm



SPECIFICATION

Nominal Voltage	12 V
Nominal Capacity	55 Ah
Design Life	10 Years
Terminal	M6
Approx. Weight	Approx 17.5 Kg (36.6 lbs)
Container Material	ABS
Rated Capacity	55.0 Ah 10 Hour Rate (5.50 A to 10.8 V)
	43.5 Ah 3 Hour Rate (14.5 A to 10.8 V)
	35.3 Ah 1 Hour Rate (35.3 A to 10.5 V)
Internal Resistance	Full charged at 25°C: 6.0 mΩ
Max. Discharge Current	660A (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 Method (25 °C)	Charge current: Max. 13.8A; Recom. 5.5A
	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)

FV/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	101	61.4	36.3	20.8	15.1	10.1	6.66	5.69	3.00
1.65V	97.9	60.4	36.1	20.7	14.9	10.0	6.60	5.64	2.98
1.70V	95.8	59.3	35.8	20.5	14.7	9.93	6.55	5.58	2.96
1.75V	92.7	58.8	35.3	20.2	14.6	9.82	6.50	5.53	2.95
1.80V	86.4	56.3	34.4	19.9	14.5	9.56	6.44	5.50	2.94
1.85V	77.1	51.3	31.9	18.9	13.6	9.09	6.18	5.31	2.89

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.