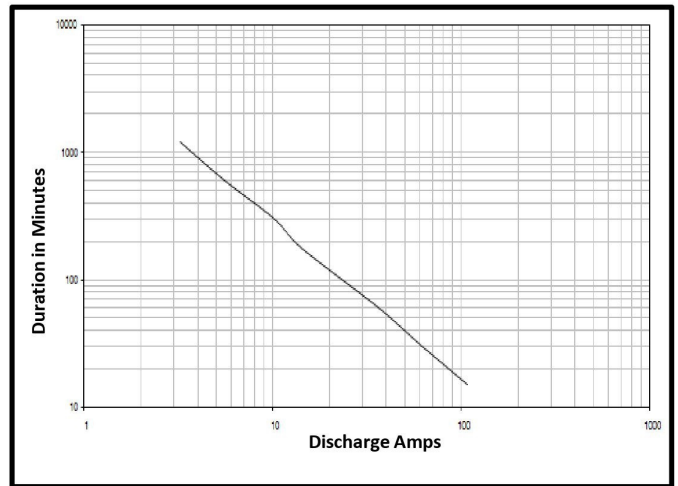


Specification

Nominal voltage	12 Volts	
Rated capacity (C ₂₀ Hour rate at 27°C)	65 Ampere Hour	
Dimensions (±2 mm)	Length	351 mm
	Width	167 mm
	Height	175 mm
Weight ± 1.0 Kgs (approx.)	20.0 Kgs	

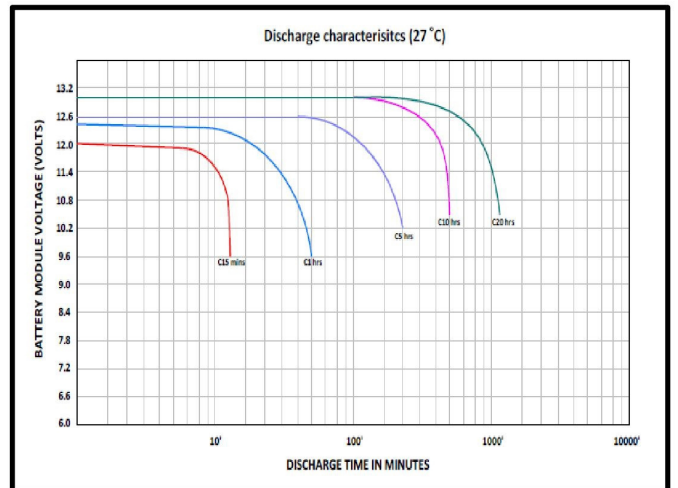
Characteristics *

Capacity@ 80.6°F (27°C)	20 hour rate (3.25A) upto 10.5V	65.0 Ah
	10 hour rate (5.59A) upto 10.5V	55.90 Ah
	5 hour rate (10.29A) upto 10.2V	51.40 Ah
	1 hour rate (36.36A) upto 9.6V	36.30 Ah
	15 minute rate (101.1A) upto 9.6V	25.20Ah
Internal resistance	Fully charged battery 80.6°F (27°C)	9.40 mΩ
Capacity affected (Temperature at C ₂₀ hour rate)	104°F (40°C)	110%
	80.6°F (27°C)	100%
	32°F (0°C)	80%
	5°F (-15°C)	60%
Self discharge 80.6°F (27°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
Terminal Type	M6 x 20 mm Bolted	
Short circuit current	1382 A	



Constant power discharge rating watts per battery @ 27°C*

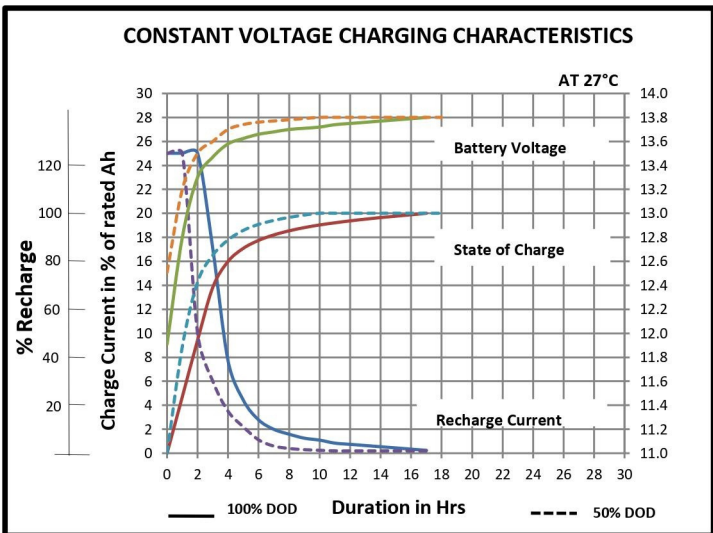
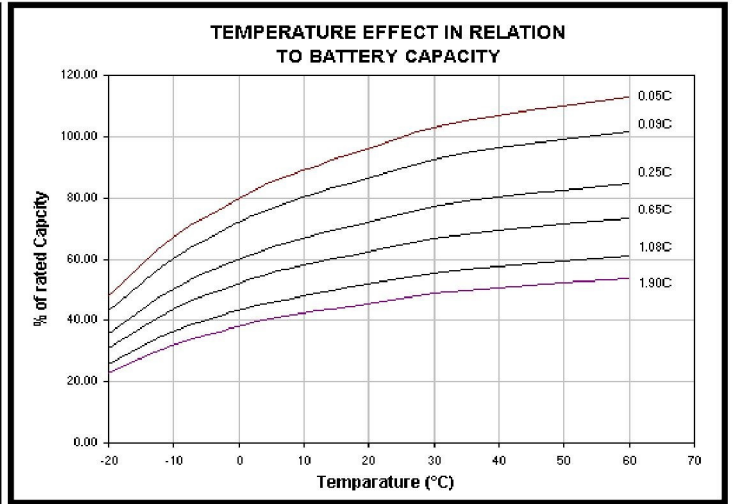
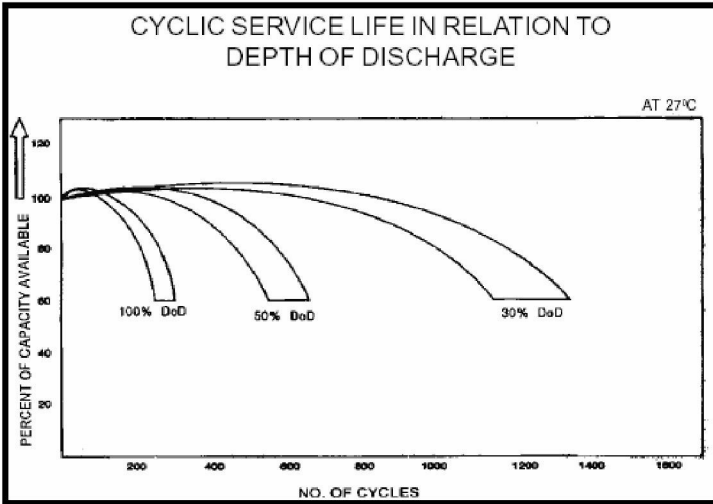
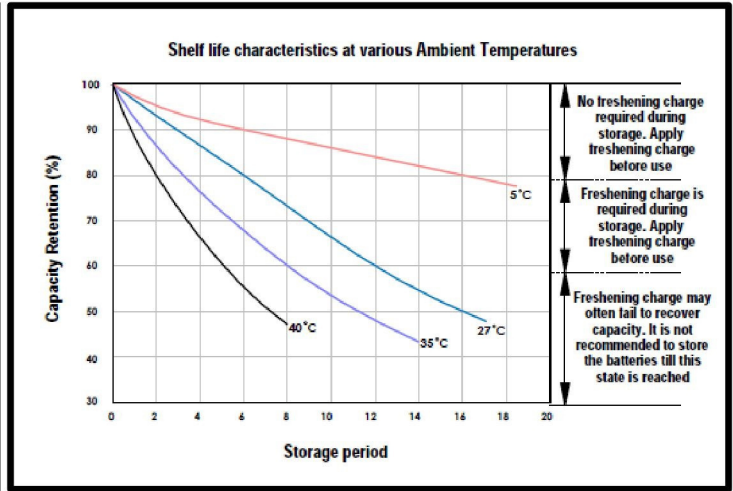
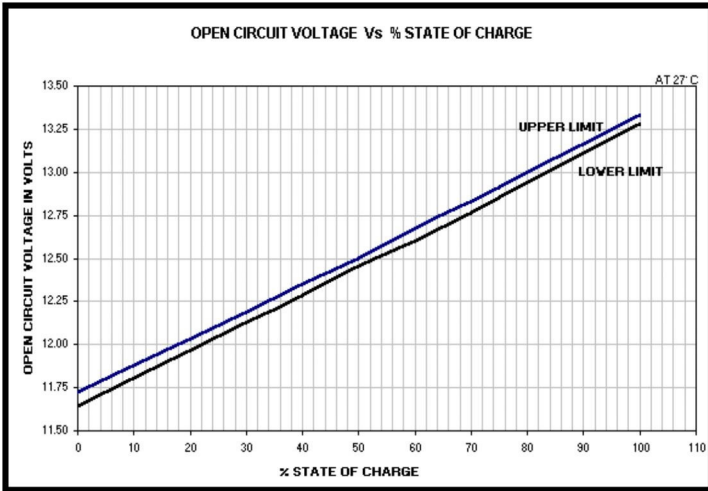
ECV	DURATION											
	10 min	15 min	20 min	30 min	60 min	2 hr	3 hr	5 hr	8 hr	10 hr	20 hr	
1.60	1368	1120	898	682	412	248	172.0	118.0	77.0	67.0	31.0	
1.65	1345	1101	887	671	408	245	171.0	117.0	76.5	66.5	30.5	
1.70	1322	1081	876	660	403	242	170.0	116.0	76.0	66.0	30.0	
1.75	1299	1041	848	640	392	239	169.0	115.0	75.0	65.0	29.5	
1.80	1276	1000	820	620	380	236	168.0	114.0	74.0	64.0	29.0	



Constant current discharge rating amperes @ 27°C*

ECV	DURATION											
	10 min	15 min	20 min	30 min	60 min	2 hr	3 hr	5 hr	8 hr	10 hr	20 hr	
1.60	126.47	101.10	80.23	60.87	36.36	22.06	15.07	11.12	6.90	5.83	3.48	
1.65	122.62	96.75	77.30	58.44	35.90	21.17	14.62	10.71	6.75	5.76	3.40	
1.70	118.77	92.41	74.37	56.00	35.44	20.27	14.16	10.29	6.60	5.69	3.31	
1.75	114.29	90.32	73.68	55.45	35.00	20.00	14.14	10.26	6.56	5.59	3.25	
1.80	112.0	88.89	71.79	54.90	33.49	19.86	14.07	10.17	6.52	5.56	3.23	

*Note: 1. The above data are average values per battery and can be obtained within five charge/discharge cycles.
 2. A tolerance of ±5% is applicable for the above constant power discharge and constant current discharge values.
 3. Recommended to follow IEEE - 485 Standard for Battery sizing (In terms of Aging Margin, Design Margin) for Optimal Performance & Life.
 4. Considerable Voltage drop across cables, if any shall be considering during battery sizing.



CHARGING METHODS:
 Constant voltage charging at 27° C
 Stand by use : Charging voltage 13.5V/battery
 Max. Charging current : 25 % of rated Ah capacity
 Cyclic use : Charging voltage 13.8V/Battery
 Max. Charging current : 25 % of rated Ah capacity
 Temperature compensation : 18 mV/battery/°C

CAUTION:

- ⚡ Avoid short circuit
- 🚫 Don't charge in a sealed container

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Quality Edge:

- ISO 9001: 2015
- ISO 14001: 2015
- OHSAS 18001:2007

International Compliance:

- Compliance to JISC8702 Standard
- Complies to UL
- Complies to CE Marking