

FEATURES

- 10-year design life, 2400 cycles @ 50% DoD
- Lead-Carbon Technology; Fast recharge
- Operating temp. range -40°C to 60°C
- Non-halogenated thermally sealed plastic case
- Maximum saving when used with Genset/Solar
- IEC60896, IEC61427 compliant



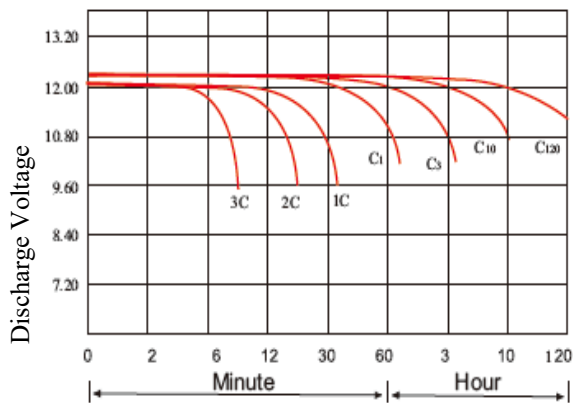
Nominal Voltage	12V
Capacity	200AH (100 Hours to 1.85V/Cell at 20° to 25°C) 165AH (10 Hours to 1.80V/Cell at 20° to 25°C)
Internal Resistance	Approximately 3.83 Ω
Temperature Range	Maximum: 40°C to 60°C
Self Discharge	Residual capacity, above 90% after 90 days storage (20° to 25°C)
Discharging Current	40A
Maximum Charge Current	49.5A
Maximum Constant Charge Current	34A
Discharging Current	Floating: 2.5V/Cell (25°C to 30°C) Equalizing/Cycle: 2.30V/Cell (25°C to 30°C)
Terminal	M8
Weight	70 KG

Voltage/Cell	1 Hour	3 Hours	5 Hours	8 Hours	10 Hours	24 Hours	48 Hours	72 Hours	120 Hours
1.75	94.25	43.34	30.09	21.12	17.59	7.85	4.05	2.75	1.79
1.80	88.25	42.02	29.44	20.69	17.19	7.71	3.99	2.7	1.75
1.83	82.68	40.69	28.68	20.34	16.82	7.52	3.88	2.63	1.69
1.85	79.67	39.82	28.44	20.11	16.69	7.45	3.84	2.61	1.65
1.88	76.33	39.09	28.11	19.85	16.59	7.39	3.81	2.59	1.62

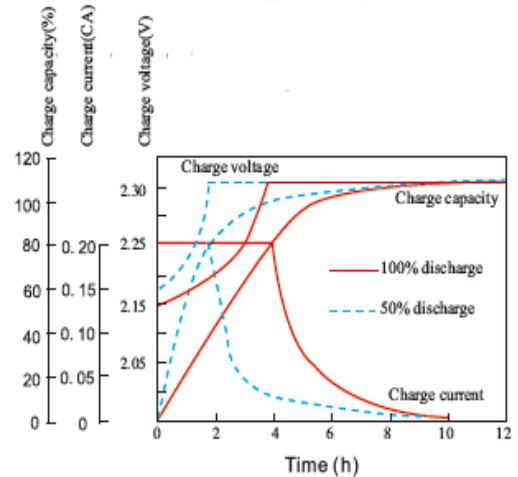
Voltage/Cell	15 Mins	30 Mins	1 Hour	2 Hours	3 Hours	4 Hours	5 Hours	6 Hours	8 Hours	10 Hours
1.75	412.5	311.4	190.5	125.6	88.5	74.4	62.2	54.5	42.3	35.3
1.80	375.3	301.5	187.5	123.4	86.4	71.1	60.8	52.2	38.7	34.1
1.83	355.4	287.4	181.4	119.5	83.6	69.9	59.5	50.7	38.3	33.7
1.85	345.6	275.7	175.4	115.4	82.4	68.4	57.7	49.7	37.6	32.9
1.88	308.9	257.1	163.5	105.7	79.5	64.6	55.6	46.3	36.8	32.1

Technical Specifications

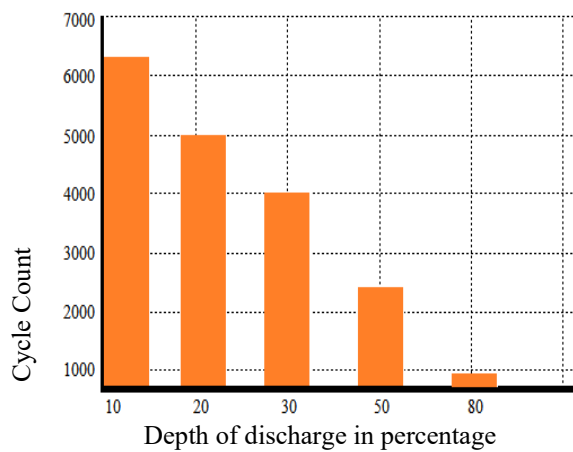
Discharge Curve (25°C)



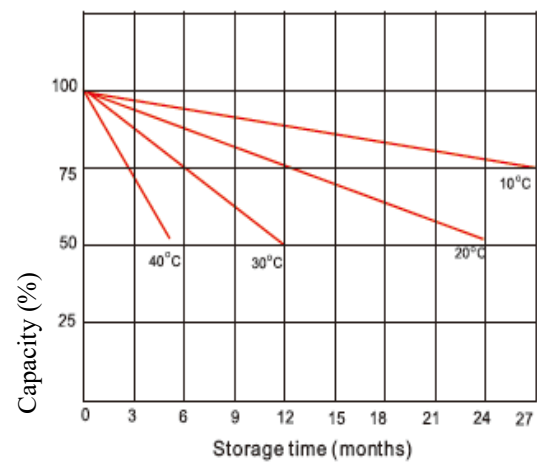
Charge Curve (25°C)



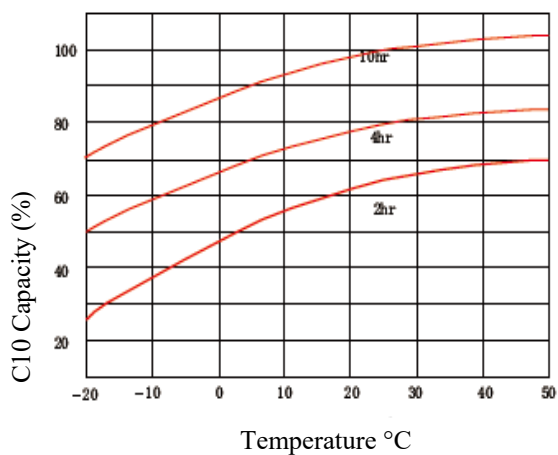
Cycle Life



Residue Capacity - Storage Time Comparison



Capacity - Temperature Comparison



Design Life - Temperature Comparison

