

Specifications

Operating Temperature Range	Discharge: -40°C to 60°C Charge: -20°C to 50°C
Nominal Operating Temperature Range	25°C ± 5 °C
Float Charging Voltage	2.27 to 2.30 VDC/unit average at 25°C
Recommended Maximum Charging Current Limit	500A
Equalize charge and cycle service voltage	2.37 to 2.4 VDC/unit average at 25°C
Self Discharge	Batteries can be stored for 6 months at 25°C. Please charge batteries before using. For higher temperature, the time interval should be shorter.
Terminal	Inserted terminal to accept M8 bolt
Container Material	ABS (UL94 HB, V-0 optional)

Constant Current Discharge Table - Amps @ 25°C (77°F)

Operating Time to End Point Voltage

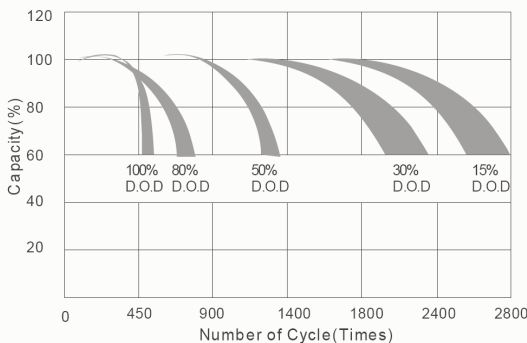
End Voltage Per Cell	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	20hr
1.85	1750.6	1580.0	1145.3	730.5	546.7	443.0	377.1	320.5	261.0	219.8	113.2
1.80	2070.0	1755.1	1239.6	773.0	575.0	480.7	395.9	338.8	274.7	228.9	117.9
1.75	2404.7	1903.2	1315.0	810.7	598.6	485.5	410.0	343.4	279.3	238.1	122.6
1.70	2708.6	2141.1	1428.1	857.8	631.6	513.7	428.9	361.7	288.4	242.7	125.0
1.65	2904.9	2271.3	1456.4	871.9	645.7	518.5	433.6	370.9	293.0	247.2	127.3
1.60	3054.9	2365.6	1522.4	904.9	674.0	537.3	452.5	380.0	306.8	256.4	132.0

Constant Power Discharge Table - Watts Per Cell @ 25°C (77°F)

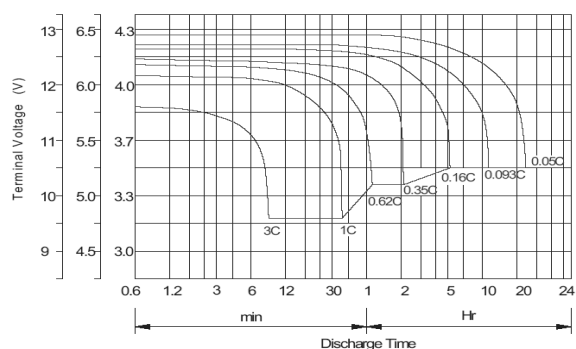
Operating Time to End Point Voltage

End Voltage Per Cell	15min	30min	1hr	2hr	3hr	4hr	5hr	6hr	8hr	10hr	20hr
1.85	3234.6	2913.2	2130.4	1366.8	1041.6	829.5	725.8	613.5	503.6	435.0	224.0
1.80	3793.1	3231.9	2309.5	1451.7	1093.5	900.2	758.8	650.2	526.5	448.7	231.1
1.75	4382.3	3505.7	2450.9	1517.6	1140.6	928.5	782.4	663.9	544.8	462.4	238.2
1.70	4919.8	3891.7	2625.2	1588.3	1183.0	961.5	815.4	695.9	558.6	476.2	245.2
1.65	5208.0	4183.5	2710.1	1611.9	1220.7	975.6	824.8	709.7	567.7	480.7	247.6
1.60	5348.0	4206.0	2719.5	1635.5	1225.4	985.1	834.2	718.8	572.3	485.3	249.9

Cyclic Performance Curve



Discharge Characteristic Curve



* All data shall be changed without prior notice, C&D reserves the right to explain and update the information contained hereinto.