

DC 135s

GEL DEEP CYCLE

12V | 135Ah | 100h



Electrical Specifications

Nominal voltage	12V
Capacity (25°C)	135Ah at C ₁₀₀
Internal resistance (25°C)	3.6mΩ
Temperature effect on capacity	104% at 40°C 100% at 25°C 83% at 0°C 65% at -15°C
Residual capacity after storage (25°C)	3 months: 91% 6 months: 82% 12 months: 65%
Constant charging voltage Cycle (25°C)	14.5 to 14.9V (initial charging current < 36A)
Constant charging voltage Float (25°C)	13.6 to 13.8V

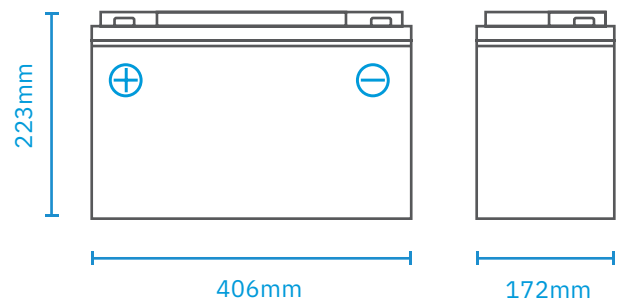
Discharge Specifications

Capacity C ₁₀₀	135Ah
Capacity C ₂₀	120Ah
Capacity C ₁₀	104Ah
Capacity C ₅	96Ah
Capacity C ₃	93Ah
Discharge current testing (25°C)	1h rate (66A) : 68Ah 3h rate (30A) : 93Ah

Mechanical Specifications

Measurements (L × W × H)	406 × 172 × 223mm
Approx. weight	36.8kg
Terminal type	T2

Measurements



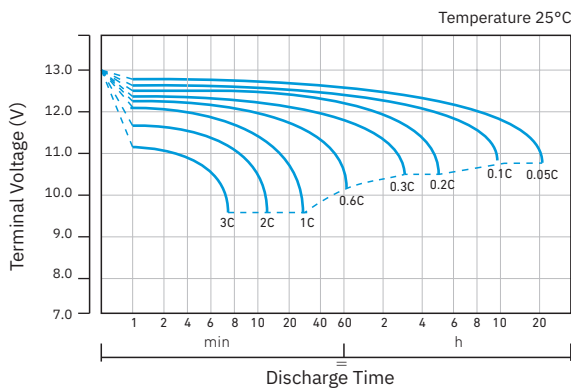
Constant Current Discharge Characteristics (A) 25°C

F.V. / Time	10 min	15 min	30 min	60 min	2 h	3 h	5 h	8 h	10 h	20 h
9.60V	250.5	210.4	130.3	78.2	43.9	31.1	21.9	14.6	12.1	6.4
10.2V	238.5	202.4	125.3	75.0	43.3	30.6	21.6	14.5	12.1	6.3
10.5V	231.5	197.4	122.2	73.4	42.9	30.3	21.4	14.4	12.0	6.2
10.8V	224.4	192.4	119.2	71.3	42.4	30.0	21.2	14.2	12.0	6.2

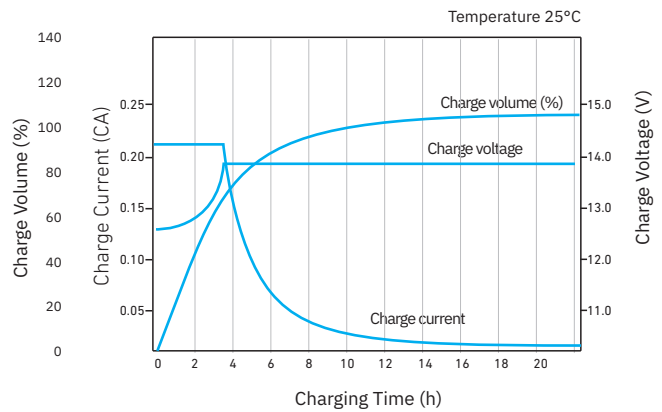
Constant Power Discharge Characteristics 25°C

F.V. / Time	10 min	15 min	30 min	60 min	2 h	3 h	5 h	8 h	10 h	20 h
9.60V	2705.4	2310.6	1461.9	890.8	508.0	365.7	259.5	173.3	145.3	77.5
10.2V	2575.1	2222.4	1405.8	855.7	501.0	359.7	255.5	172.3	144.3	76.4
10.5V	2499.0	2167.3	1370.7	836.7	496.0	355.7	252.5	171.3	143.3	74.8
10.8V	2423.8	2112.2	1337.7	813.6	490.0	352.7	251.5	168.3	142.5	74.5

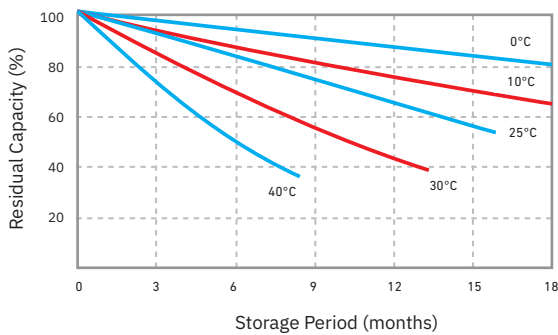
Discharge Characteristics Curve



Charge Characteristics Curve For Cycle Use (IU)



Residual Capacity



Float Life

