

# DC 135s

## GEL DEEP CYCLE

12V | 135Ah | 100h



### Electrical Specifications

Nominal voltage	12V
Capacity (25°C)	135Ah at C <sub>100</sub>
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)	14.4 V (initial charging current < 36A)
Float charge voltage (25°C)	13.6 to 13.8V

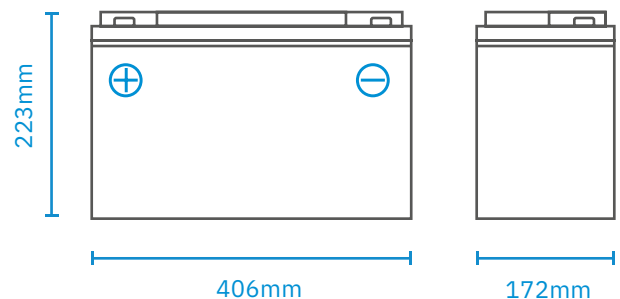
### Discharge Specifications

Capacity C <sub>100</sub>	135Ah
Capacity C <sub>20</sub>	120Ah
Capacity C <sub>10</sub>	104Ah
Capacity C <sub>5</sub>	96Ah
Capacity C <sub>3</sub>	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



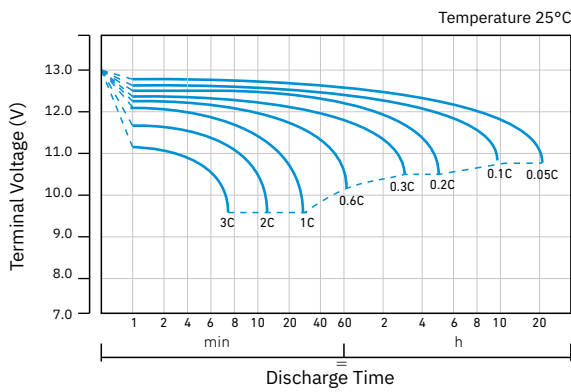
### Constant Current Discharge Characteristics (A) 25°C

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

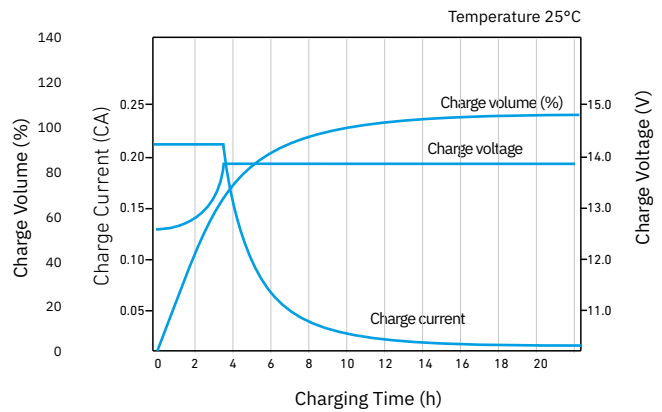
### Constant Power Discharge Characteristics 25°C

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

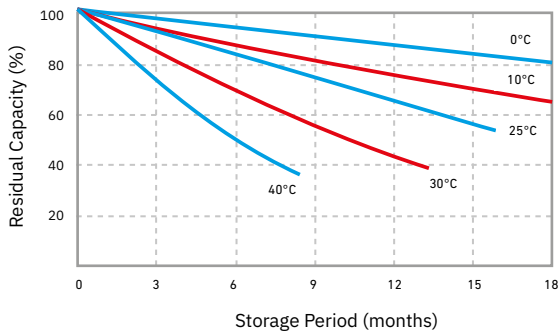
Discharge Characteristics Curve



Charge Characteristics Curve For Cycle Use (IU)



Residual Capacity



Float Life

