



# DC 170s

**AGM DEEP CYCLE**  
12V | 170Ah | 100h

## Electrical Specifications

Nominal voltage	12V
Capacity (25°C)	170Ah at C <sub>100</sub>
Internal resistance (25°C)	3.2mΩ
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 < 45A)
Constant charging voltage Float (25°C)	13.6 to 13.8V

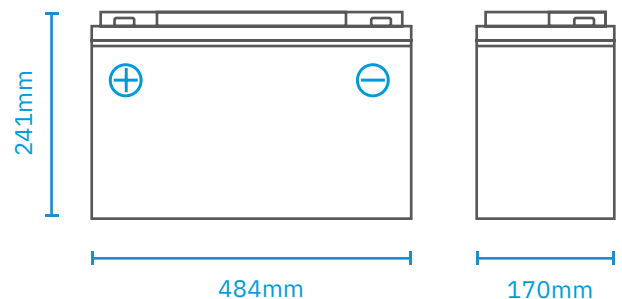
## Discharge Specifications

Capacity C <sub>100</sub>	170Ah
Capacity C <sub>20</sub>	150Ah
Capacity C <sub>10</sub>	143Ah
Capacity C <sub>5</sub>	129Ah
Capacity C <sub>3</sub>	115Ah
Discharge current testing (25°C)	1h rate (82.5A) : 84Ah 3h rate (37.5A) : 114Ah

## Mechanical Specifications

Measurements (L × W × H)	484 × 170 × 241mm
Approx. weight	47.8kg
Terminal type	T3

## Measurements



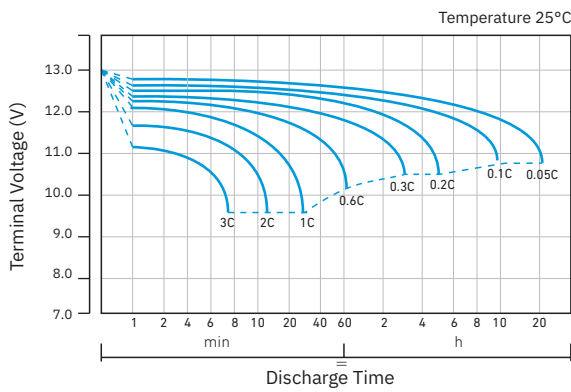
## Constant Current Discharge Characteristics (A) 25°C

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>	270.3	160.2	97.6	54.9	39.6	31.4	27.6	18.2	15.2	7.9
<b>10.2V</b>	259.3	154.2	93.7	54.1	39.0	31.0	27.2	18.1	15.1	7.9
<b>10.5V</b>	254.3	150.2	91.8	53.6	38.6	30.8	26.9	18.0	15.0	7.8
<b>10.8V</b>	246.2	146.1	89.0	53.0	38.2	29.8	26.7	18.0	15.0	7.8

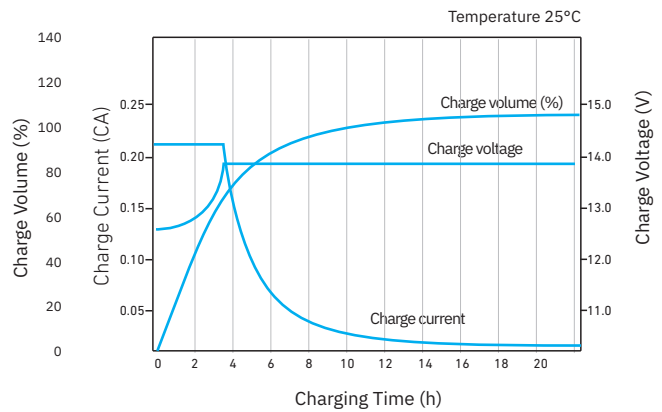
### Constant Power Discharge Characteristics 25°C

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>	2968.0	1796.8	1113.1	635.6	466.5	369.4	326.3	217.2	183.2	95.4
<b>10.2V</b>	2846.8	1729.7	1068.1	625.6	459.5	364.4	322.3	215.2	181.2	94.9
<b>10.5V</b>	2790.8	1684.7	1046.0	619.6	454.5	362.4	318.3	214.2	180.2	94.2
<b>10.8V</b>	2703.7	1639.6	1014.0	613.6	450.5	351.4	346.3	213.2	179.2	93.7

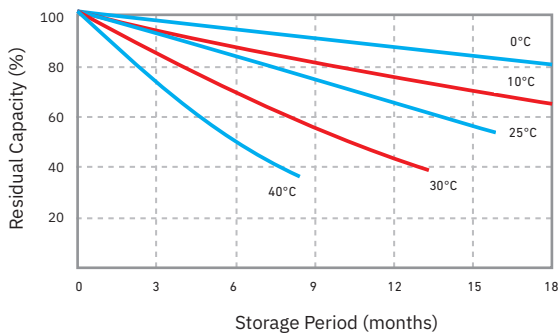
Discharge Characteristics Curve



Charge Characteristics Curve For Cycle Use (IU)



Residual Capacity



Float Life

