

# DC 75sc

## GEL DEEP CYCLE

12V | 75Ah | 100h



### Electrical Specifications

Nominal voltage	12V
Capacity (25°C)	75Ah at C <sub>100</sub>
Internal resistance (25°C)	5.6mΩ
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 < 19.5A)
Float charge voltage (25°C)	13.6 to 13.8V

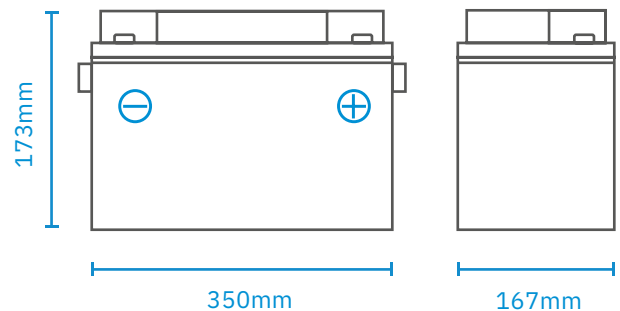
### Discharge Specifications

Capacity C <sub>100</sub>	75Ah
Capacity C <sub>20</sub>	65Ah
Capacity C <sub>10</sub>	57Ah
Capacity C <sub>5</sub>	52Ah
Capacity C <sub>3</sub>	49Ah
Discharge current testing (25°C)	1h rate (35.7A) : 36Ah 3h rate (16.2A) : 49Ah

### Mechanical Specifications

Measurements (L × W × H)	350 × 167 × 173mm
Approx. weight	20.9kg
Terminal type	T3

### Measurements



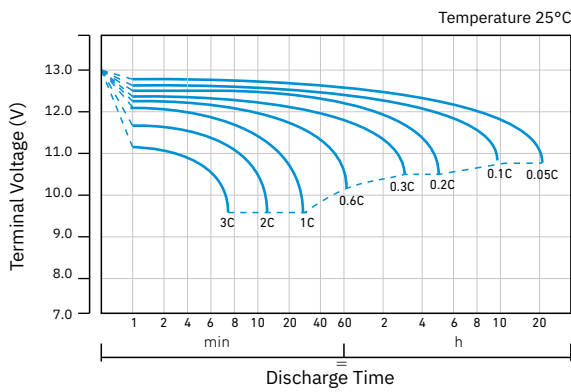
### Constant Current Discharge Characteristics (A) 25°C

F.V. / Time	5 min	10 min	15 min	30 min	60 min	2 h	3 h	5 h	8 h	10 h	20 h
<b>9.60V</b>	205.4	143.3	110.2	67.1	41.1	23.7	16.7	11.7	7.9	6.7	3.5
<b>10.2V</b>	195.4	136.3	106.2	64.4	39.5	23.4	16.5	11.5	7.9	6.6	3.5
<b>10.5V</b>	190.4	132.3	103.2	63.1	38.6	23.2	16.3	11.4	7.8	6.5	3.4
<b>10.8V</b>	183.4	128.3	100.2	61.2	37.5	22.9	16.2	11.3	7.7	6.5	3.4

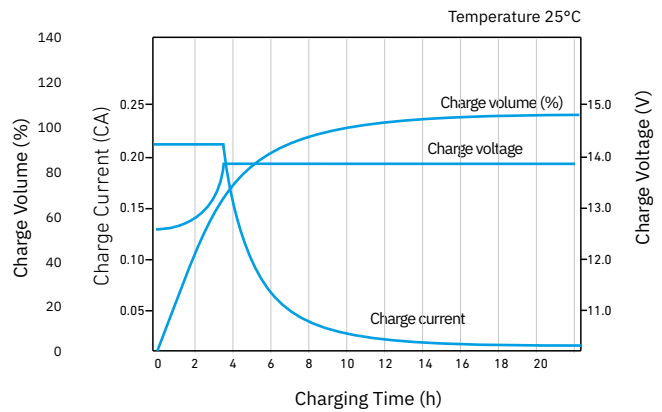
### Constant Power Discharge Characteristics 25°C

F.V. / Time	5 min	10 min	15 min	30 min	60 min	2 h	3 h	5 h	8 h	10 h	20 h
<b>9.60V</b>	2157.3	1547.1	1210.4	753.5	467.9	274.5	196.4	138.3	94.1	79.6	41.9
<b>10.2V</b>	2049.1	1469.9	1161.3	723.4	449.9	270.5	194.4	136.3	93.3	79.0	41.5
<b>10.5V</b>	1999.0	1427.9	1132.3	707.4	438.9	268.5	192.4	135.3	92.8	78.1	41.1
<b>10.8V</b>	1925.8	1381.8	1104.2	687.4	426.9	265.5	191.4	134.3	91.9	77.8	40.9

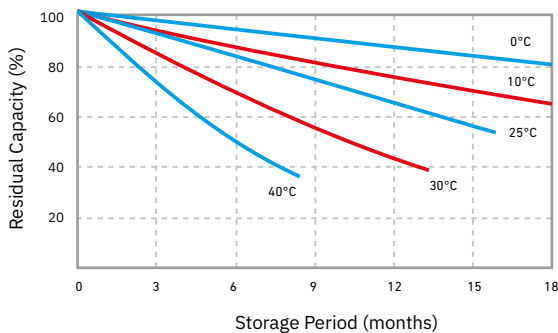
Discharge Characteristics Curve



Charge Characteristics Curve For Cycle Use (IU)



Residual Capacity



Float Life

