



## T160

160Ah | 12V | 100h

### Specifications

Voltage	12V
Capacity	160Ah at C <sub>100</sub>
Separator	PE
Cycle life in relation to depth of discharge	750 cycles at 30% DoD
	400 cycles at 50% DoD
	280 cycles at 80% DoD
	180 cycles at 100% DoD

### Charging and Discharging

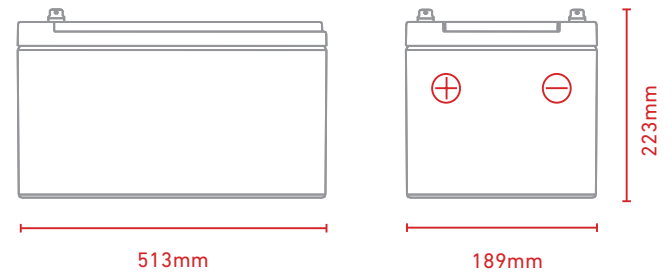
Capacity C <sub>100</sub>	160Ah
Capacity C <sub>20</sub>	140Ah
Capacity C <sub>10</sub>	130Ah
Capacity C <sub>5</sub>	120Ah
Max. charge current	28A
Max. discharge current	1412A (5s)

### Mechanical Specifications

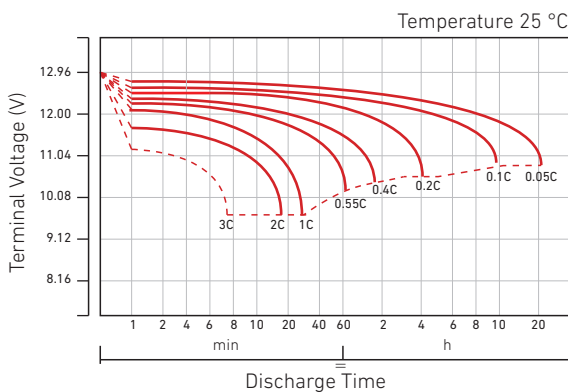
Measurements (L × B × H)	513 × 189 × 223mm
Weight	37.3kg
Terminal type	Round
Case material	PP
Lid material	PP

### Temperature Specifications

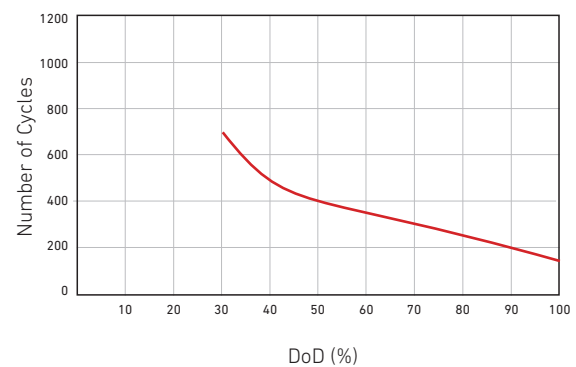
Normal operating temperature	25°C ± 5°C
Discharge temperature	-15°C to 50°C
Charge temperature	0°C to 40°C
Storage temperature	-15°C to 50°C



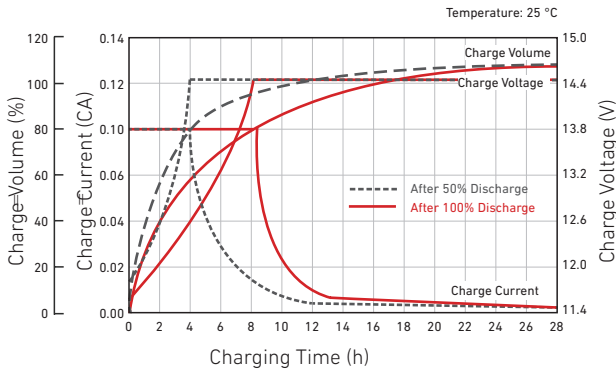
### Discharge Characteristics Curve



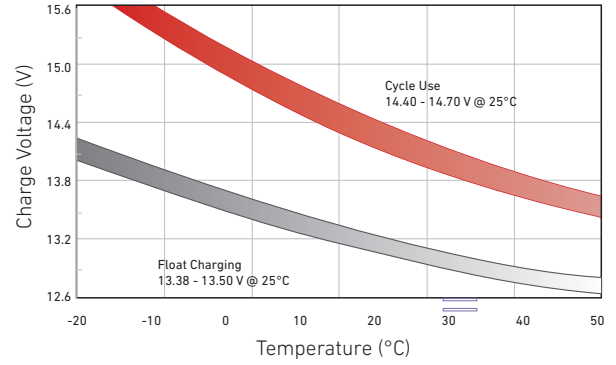
### Cycle Life in Relation to Depth of Discharge



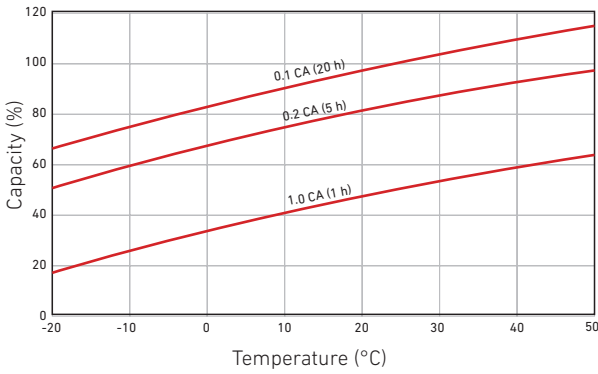
**Charge Characteristics Curve For Cycle Use (IU)**



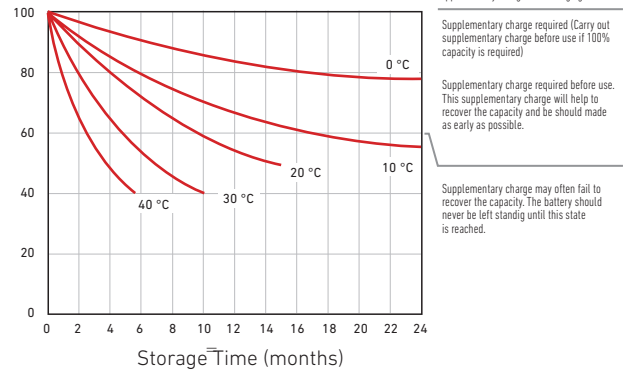
**Relationship Between Charging Voltage and Temperature**



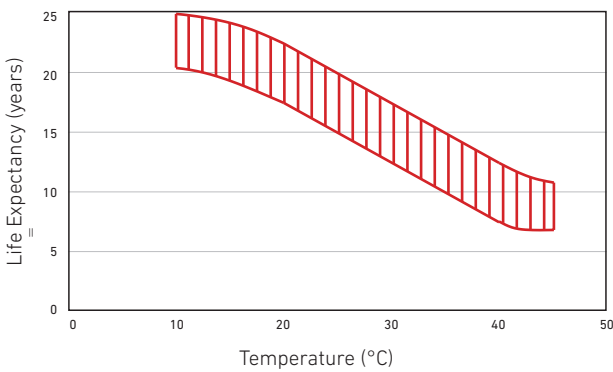
**Temperature Effects on Capacity**



**Storage Characteristics**



**Effect of Temperature on Long-Term Life**



**Relationship of OCV and State of Charge**

