

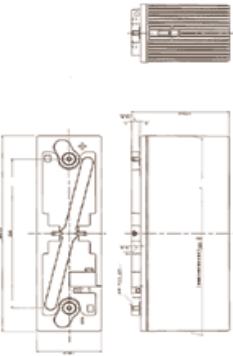
EC-FV1260

For main power supplies.
Cycle very long life and high power type.

Dimensions(mm)



Contents indicated (including the recycle marking, etc) are subject to change without notice.



Terminal type: M8 stud bolt P1.25mm L13.5mm
Case material Polypropylene

Specification

Nominal voltage	12V	
Nominal capacity	60Ah	
Dimensions	Length	388mm
	Width	116mm
	Height	175mm
Weight	About 21kg	

Specific charger specification is available. Do not charge with other procedure. Please ask the charger specification.

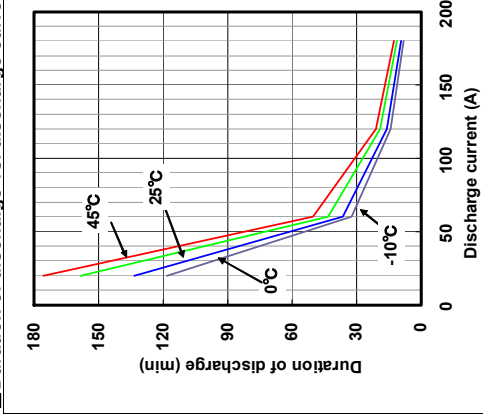
Characteristics

Capacity 25°C	1/3C(20A) 1C(60A) 3C(180A)	52Ah 43Ah 34Ah
Internal resistance 25°C	At full charge	About 3.5mΩ
Temperature dependence on capacity(1/3C)	45°C	111%
	25°C	100%
Self-discharge 25°C	0°C	84%
	Remain capacity after 3month storage	91%

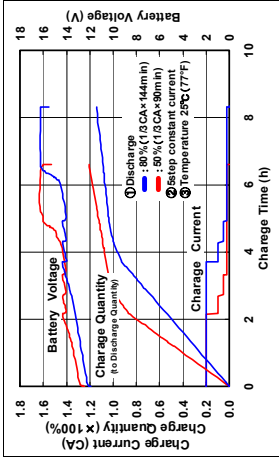
The characteristics are not guaranteed value. Ask us for the battery life

Note

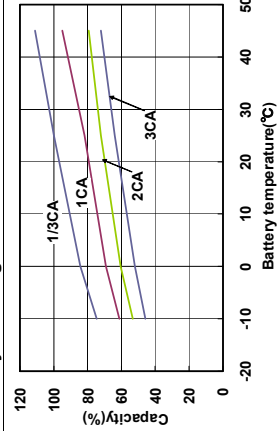
Duration of discharge vs. discharge current



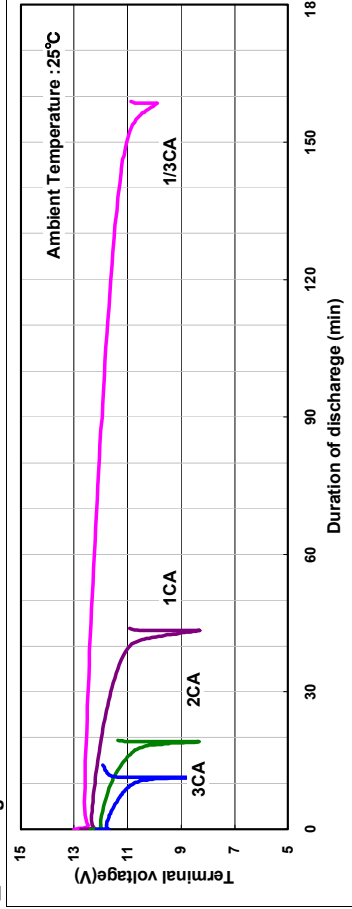
5step constant current charge characteristics



Discharge capacity by temperature and by discharge current



Discharge characteristics



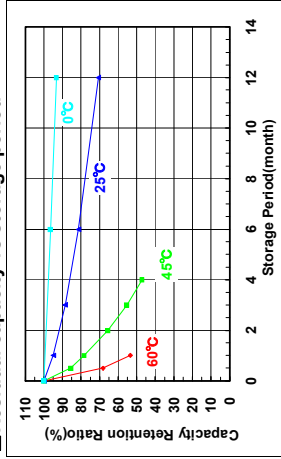
Charging Method

Cycle use	5step constant current charge
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Cut off voltage

Discharge current	3A-20A	20A-60A	60A-360A
Cutt off voltage (V)	9.9	-0.0375xI + 10.65 I: Discharge current	8.4

Residual capacity vs storage period



Cycle life

