

TECHNICAL DATA
BASIC DATA

Rated Voltage	12 V
20hr capacity at end voltage 1,75 / cell at 25°C	18,0 Ah
Internal resistance (fully charged battery) at 25°C	16 mΩ

DIMENSIONS

Length	181(±1) mm
Width	76,5(±1) mm
Height	167(±1) mm
Height with terminal	167(±1) mm
Weight	5,35 kg

TERMINALS

Faston	T3
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OPERATION TEMPERATURE RANGE

Storage	-15°C to +50°C
Charge	-20°C to +40°C
Discharge	-15°C to +40°C

TEMPERATURE

Effect of temperature to capacity at 40°C	103 %
Effect of temperature to capacity at 25°C	100 %
Effect of temperature to capacity at 0°C	86 %
Nominal operating temperature range	25°C

CASE MATERIAL

Standard	ABS (UL94:HB)
Flame retardant (optional)	ABS (UL94:V0)

CHARGE VOLTAGE

Float charge at 25°C	13,5 V to 13,80 V
Cycle charge at 25°C	14,4 V to 15,00 V

CHARGE CURRENT

Recommended	1,8 A
Maximum charging current	5,4 A

MAX. DISCHARGE CURRENT

5 sec.	225 A
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DESIGNED LIFE

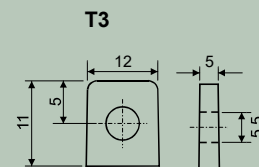
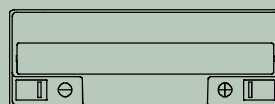
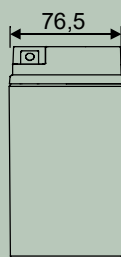
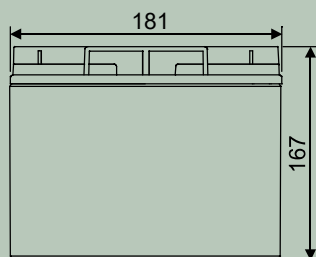
EcoForce designed life at 25°C	up to 5
In 20°C according to Eurobat Group Standard Commercial	3-5

SELF DISCHARGE

EF series batteries may be stored for up to 6 months at 25°C

PHOTO
APPLICATION

- security systems
- fire systems
- cash registers and fiscal printers
- automatic and security systems emergency power
- telecommunication PABX

DIMENSIONS/TERMINALS

SAFETY
