

# EUROPOWER sealed lead-acid battery EC type

**FOR CYCLE USE!**

## ● Specification & Characteristics

Model		EC 12-12
Nominal voltage		12 [V]
Rated capacity		12 [Ah] / 20 [hr]
Dimensions	Container Height	98 [mm]
	Length	151 [mm]
	Width	98 [mm]
Weight		approx. 4,1 [kg]
Capacity 25 [°C]	20 [hr] 0,6 [A]	12,0 [Ah]
	10 [hr] 1,14 [A]	11,4 [Ah]
	5 [hr] 2,04 [A]	10,2 [Ah]
	30 [min] 12,0 [A]	6,0 [Ah]
Internal resistance		Approx. 18 [mΩ]
Max. Discharge current		180 [A] (5 [s])
Charging voltage 20 [°C]	Standby use	13,5 to 13,8 [V] (-20 [mV/°C])
	Cycle use	14,4 to 15 [V] (-30 [mV/°C])
Max. Charging current		3,6 [A]
Recommended charging current		1,2 [A]

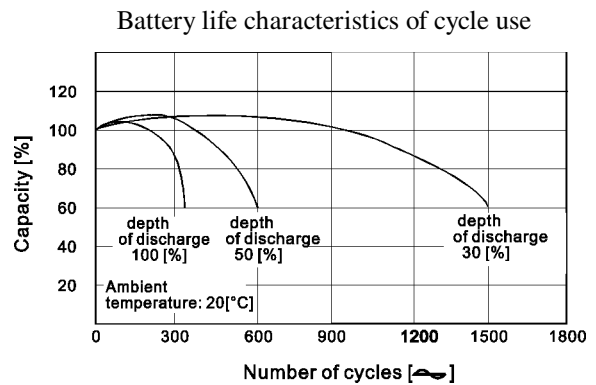
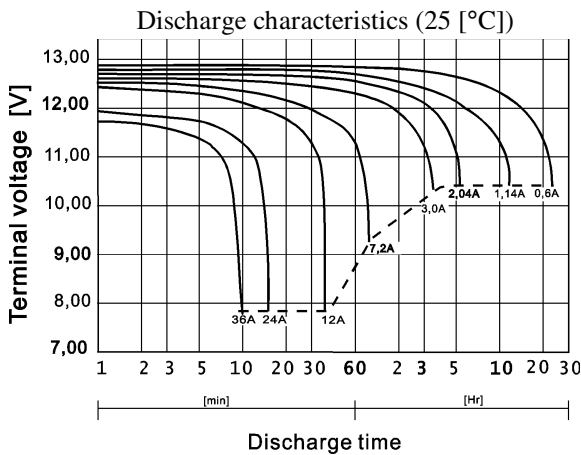
# EC 12-12

**EUROPOWER** batteries are made in AGM technology, constructed by plates, separators, safety valves and container. Since the electrolyte is held by a glass-mat separator and plates, batteries can use in any direction without leakage.

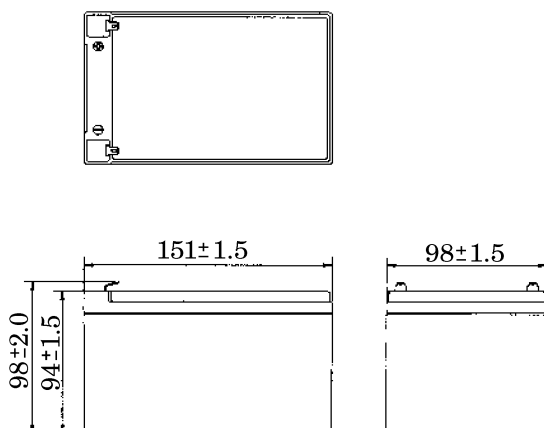
EC types batteries have been designed for **cycle use** (repeated cycles of discharging/charging). They sustain for **50 % cycles more** than EP types batteries.

Typical applications of EC types batteries:

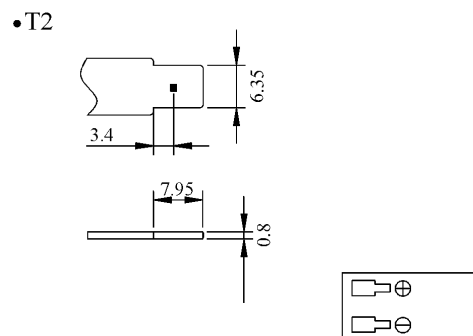
- measuring instruments,
- mobile and portable light sources,
- wheelchairs,
- solar powered systems,
- motor scooters, mowing machines, toys, robots, etc...



## ● Dimensions



## ● Terminal type & position



Mark	Type	Date of issue	Change number	Date of change
<b>EUROPOWER</b>	<b>EC 12-12</b>	<b>20.05.2003</b>	<b>0</b>	<b>-</b>