

# EUROPOWER sealed lead-acid battery EP type

## ● Specification & Characteristics

Model		EP 90-12
Nominal voltage		12 [V]
Rated capacity		90 [Ah] / 20 [h]
Dimensions	Container Height	217 [mm]
	Length	329 [mm]
	Width	172 [mm]
Weight		approx. 33,5 [kg]
Capacity 25 [°C]	20 [h]    4,5 [A]	90,0 [Ah]
	10 [h]    8,55 [A]	85,5 [Ah]
	5 [h]     15,3 [A]	76,5 [Ah]
	1 [h]     54,0 [A]	54,0 [Ah]
Internal resistance		< 5 [mΩ]
Max. Discharge current		900 [A] (5 [s])
Charging voltage 20 [°C]	Standby use	13,5 do 13,8 [V] (-20 [mV/°C])
	Cycle use	14,4 do 15 [V] (-30 [mV/°C])
Max. Charging current		27 [A]
Recommended charging voltage		9 [A]

# EP 90-12

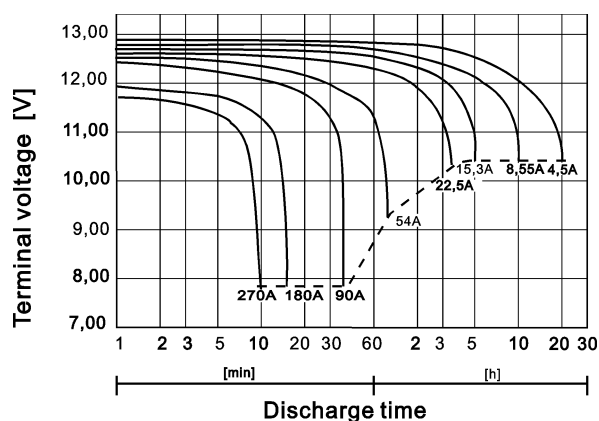
**EUROPOWER** batteries are made in AGM technology, constructed by plates, separators, safety valves and container. Since the electrolyte is held by a glass-mat separator and plates, batteries can use in any direction without leakage.

Design life of EP type batteries - **5 years.**

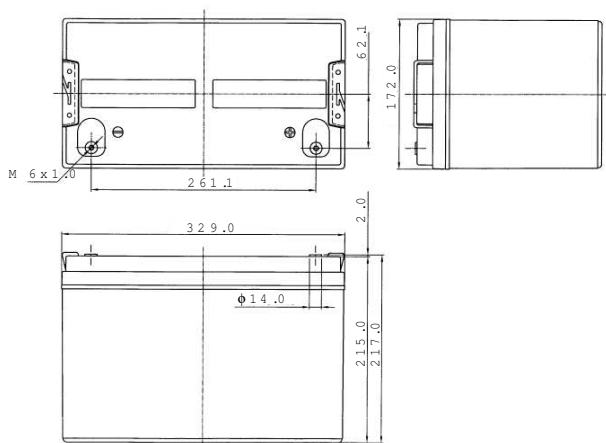
Typical applications:

- uninterruptible power supply (UPS),
- fire and security systems,
- cash registers and fiscal printers,
- telecommunication PABX,
- mobile and portable equipment.

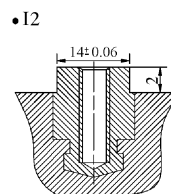
Discharge characteristics (25 [°C])



- Dimensions



- Terminal type & position



[M6 Bolt]

Torque=6,8 [Nm]

Mark	Type	Date of issue	Change number	Date of change
<b>EUROPOWER</b>	<b>EP 90-12</b>	<b>20.05.2003</b>	<b>0</b>	<b>-</b>