

LAGM SERIES

LAGM-120S(12V90AH)

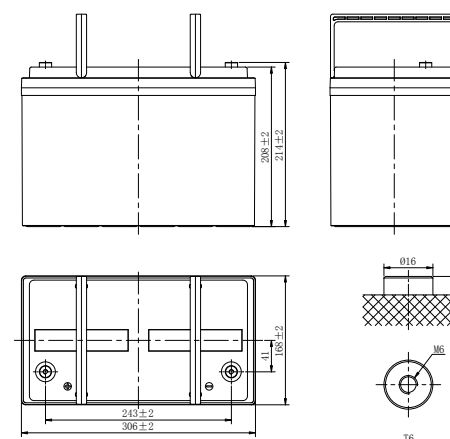


Specifications

Rated Voltage		12V
Rated Capacity	C_{10} 1.80V/cell	90Ah
Dimensions	Length	306mm (12.1inches)
	Width	168mm (6.61inches)
	Container Height	208mm (8.19inches)
	Total Height	214mm (8.43inches)
Approx Weight		26.8Kg (59.1lbs)
Terminal		T6(M6)
Container Material		ABS
Operating Temp. Range	Discharge	-15~50°C (5~122°F)
	Charge	-20~40°C (-4~104°F)
	Storage	-15~40°C (5~104°F)
Internal Resistance (25°C)		Approx 5.5mΩ
Nominal Operating Temp. Range		25±3°C (77±5°F)
Max. Charging Current		0.3C
Charge Voltage (25°C)	Charge Voltage	Temp. Coefficient
Float	2.25 - 2.30V/cell	-3mV/cell/°C
Cycle	2.35 - 2.40V/cell	-5mV/cell/°C
Effect of temp. to capacity	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	80%
Self Discharge		≤3%/month @25°C



Layout



Applications

- Uninterruptable Power supply(UPS)
- Electric Power System(EPS)
- Emergency backup power supply
- Alarm and security system
- Communication power supply

General Features

- Lead calcium alloy, sealed design, no watering required
- Puncture resistant micro-porous glass mat separators extend life
- Unique technology optimizes power capacity, cell consistency, and long-term reliability
- Designed for a wide range of applications

Certifications

- Compliance with IEC 60896 standards, EU Battery Directive
- UL, CE Certified
- Manufactured in Leoch@IATF16949, ISO 45001, ISO 9001 and ISO 14001 certified production facilities