



MWL 90-12

12V 90Ah

Compliance with standards

EN 60896-21:2007
EN 60896-22:2007
EN 61056-1:2008
EN 61056-2:2003(U)
E-83016:1999

Batteries MW Power type MWL are designed for use mainly in emergency power systems e.g. UPS, emergency lighting, automation systems. The batteries can also be used in applications, where they operate cyclically. For discharges of 50% can reach 400 cycles.

Designed service life 10-12 years to range of 20-25 °C.



Specification

Nominal voltage		12V
Nominal capacity		90 Ah
Dimensions	Length	307 mm
	Width	169 mm
	Height	211 mm
	Total height	216 mm
Weight		28,0 kg

Characteristic

Capacity for 25 ° C and cut-off voltage 10.5 V	20h	90 Ah
	10h	85 Ah
	5h	72 Ah
Internal resistance	charged battery.	5,0 mΩ
Capacity	for 20°C	100%
	for 0°C	85%
	for -15°C	65%
Self-discharge	3 m-ths	91%
	6 m-ths	82%
	12 m-ths	64%
Terminal	Insert M6 (T16)	
Charging	Stanby use	13,50-13,80V
	Cyclic use	14,40-15,00V
Max. charge current	30,0 A	
Max. discharge current	800 A (5 sec.)	

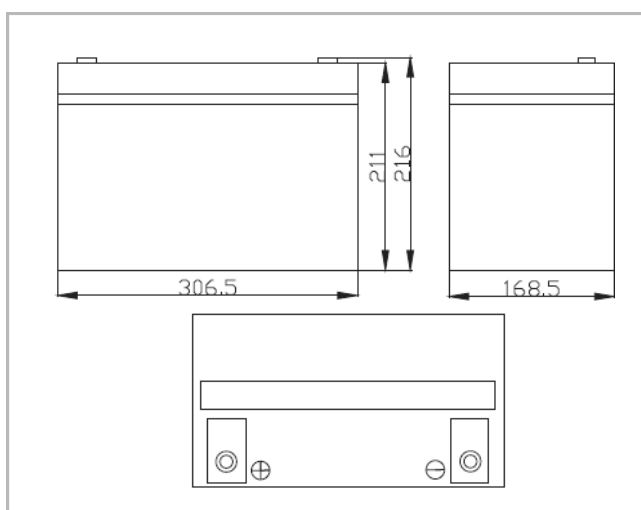
Temperatures of work:

Discharging: -20°C ÷ 50°C

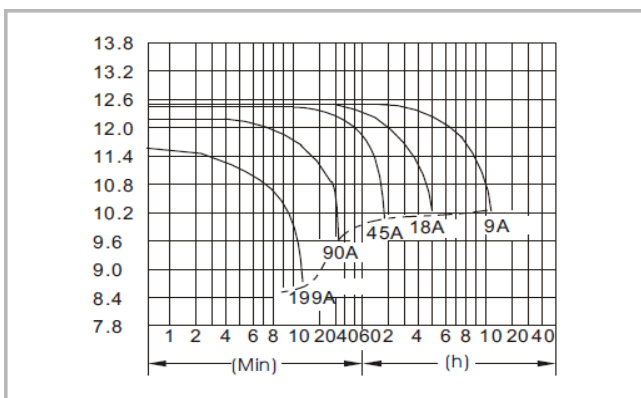
Charging: -20°C ÷ 50°C

Storage: -20°C ÷ 50°C

Dimensions



Input-discharge at 25 ° C



Terminal

