

MWS 0.8-12

Maintenance-free Lead Acid VRLA Battery 12V/0.8Ah



■ Features:

- VRLA AGM technology - Maintenance-free
- Dry type – no need electrolyte replenishment
- Standardized size
- Designed for standby use

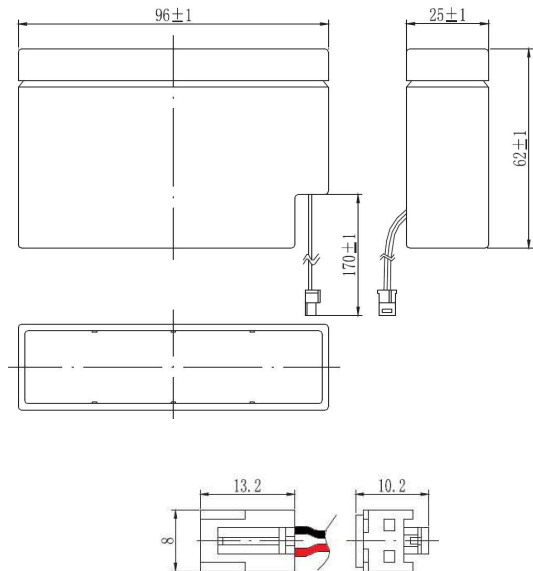
■ Applications:

- Security systems
- Emergency and backup supply (one battery systems)

MECHANICAL SPECIFICATION

Dimensions Container material ABS (UL94-HB), optional UL94-V0	Length	96mm ±1mm
	Width	25mm ±1mm
	Height	62mm ±1mm
	Total height	62mm ±2mm
Wire	Length	170mm ±1mm
	Terminal	NS39-02
Weight		0.3kg ±3%

DIMENSIONS



ELECTRICAL SPECIFICATION

Nominal Voltage	12V	
Capacity for 25°C and cut-off voltage 10.5V	20h	$C_{NOM} = 0.8Ah$
	10h	0.75Ah
	5h	0.60Ah
	1h	0.45Ah
Internal Resistance	Fully charged battery at 25°C	<260mΩ
Charge – standby use	Voltage	13.4 ÷ 13.8VDC
	Temp compensation	-20mV/°C
Charge – cycle use	Voltage	14.4 ÷ 15VDC
	Temp compensation	-30mV/°C
Charge Current (max.)	0.32A	
Discharge Current (max.)	12A (5 sec)	
Short Circuit Current	40A	

OTHERS

Working Temp	Discharging	-20°C ÷ +60°C
	Charging	-10°C ÷ +60°C
	Storage	-20°C ÷ +60°C

