

6FM4.5(12V4.5AH)

Major Application(s): Security System

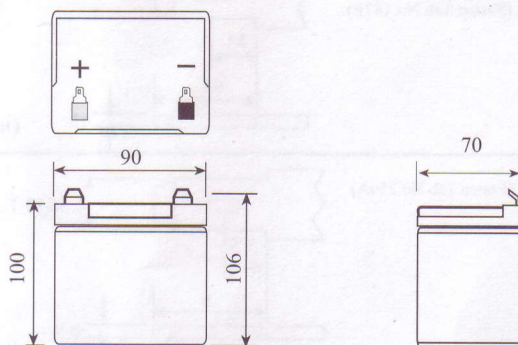
CE  MH 26335

PHYSICAL SPECIFICATION

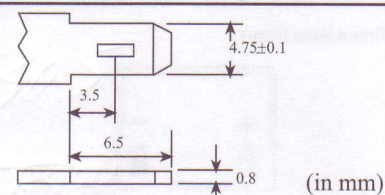
Nominal Voltage Nominal Capacity(20HR)		12V 4.5AH
Dimension	Length	90±1mm (3.54inches)
	Width	70±1mm (2.76 inches)
	Container Height	100±2mm (3.93 inches)
	Total Height	105±2mm (4.13 inches)
Weight		Approx 1.70Kg (3.74 lbs)
Standard Terminal		F1-Fasten Tab No.187E



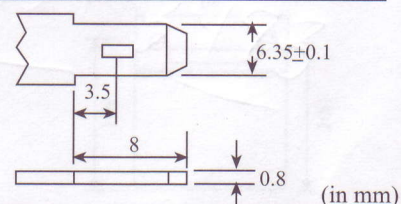
Dimensions (mm)



Standard Terminal
F1 (Fasten Tab No.187E)



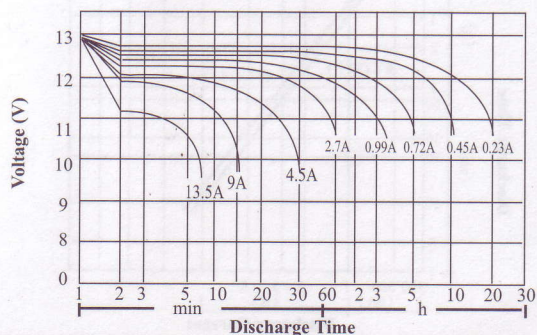
F2 (Fasten Tab No.250A)



ELECTRICAL SPECIFICATION

Capacity	20 hour rate(0.23A)	4.5Ah	It is recommended to use constant-voltage charge and recharge immediately after use	
	10 hour rate(0.45A)	4.28Ah		
	5 hour rate(0.72A)	3.83Ah		
	1 hour rate(2.7A)	2.7Ah		
Capacity affected by temperature	40 °C (104°F)	105%	Constant-Voltage Charge	Cycle
	20 °C (68°F)	100%		Initial Charging Current less than 1.35A Voltage 14.4V-15.0V at 20 °C (68°F) Temperature Coefficient -30mV/°C
	0 °C (32°F)	85%		Standby
Internal Resistance		Fully charged battery(20 °C, 68°F)40mΩ	Voltage 13.5V-13.8V at 20 °C (68°F) Temperature Coefficient -20mV/°C	

Discharge Characteristics fully charged (20°C/68°F)



Discharge Characteristics (0°C/32°F, 40°C/104°F)

