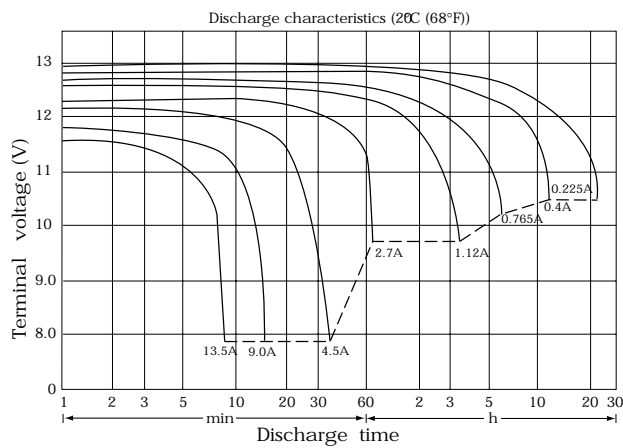
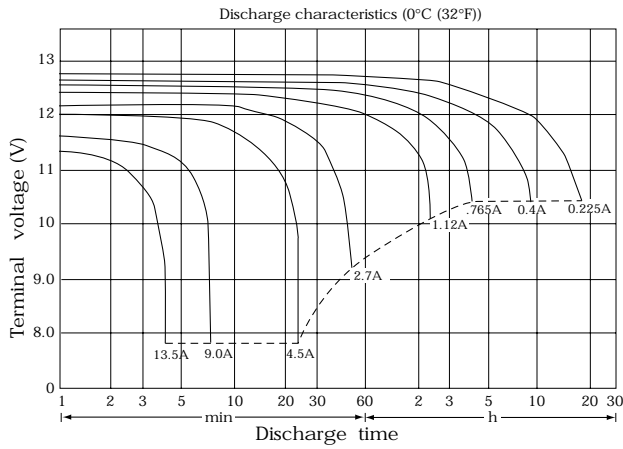


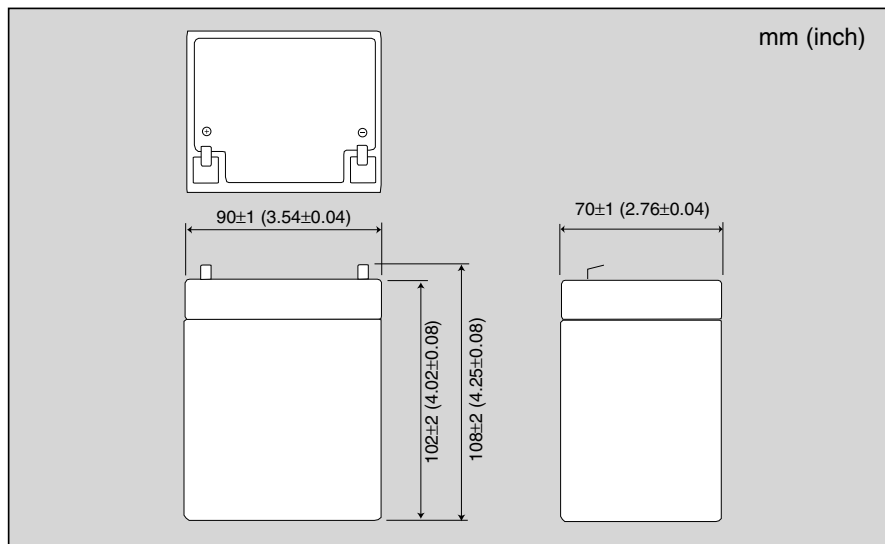
# RECHARGEABLE SEALED LEAD-ACID BATTERY

**ES4.5-12**  
**12V4.5AH**



TYPE		ES4.5-12
NOMINAL VOLTAGE		12 Volt
NOMINAL CAPACITY		4.5 AH / 20 HR
DIMENSIONS	HEIGHT	102 mm
	LENGTH	90 mm
	WIDTH	70 mm
WEIGHT		APPROX. 1.79 KGS
CAPACITY	20HR 0.225A	4.50 AH
	5HR 0.766A	3.83 AH
	1HR 2.70A	2.76 AH
	1C 4.50A	2.25 AH
INTERNAL RESISTANCE		APPROX. 35mΩ
MAX. DISCHARGE CURRENT		60 A (5 SEC.)
CHARGING VOLTAGE 20°C (68°F)	STANDBY USE	13.5-13.8V (-20mV/°C)
	CYCLE USE	14.4-15.0V (-30mV/°C)
MAX. CHARGE CURRENT		1.20 A

## Dimension



## Terminal

