

ES3-12R

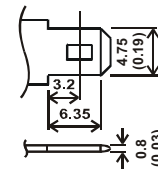
SPECIFICATIONS

Nominal Voltage (V):	12V
Nominal Capacity:	
20hour rate (0.15A to 10.50V)	3.0Ah
10hour rate (0.30A to 10.50V)	2.85Ah
5hour rate (0.51A to 10.20V)	2.55Ah
1C (3.0A to 9.60V)	1.35Ah
3C (9.0A to 9.60V)	1.08Ah
Weight:	2.55 Lbs. (1.16 kg)
Internal Resistance (at 1KHz):	43 mΩ
Maximum Discharge Current for 30 seconds:	60A
Maximum Discharge Current for 5 seconds:	120A
Operating Temperature Range:	
Charge	0°C(32°F) to 40°C (104°F)
Discharge	-15°C(5°F) to 50°C (122°F)
Storage	-15°C(5°F) to 40°C (104°F)
Charge Retention (shelf life) at 20°C (68°F):	
1 month	92%
3 month	90%
6 month	80%
Charging Methods at 25°C (77°F)	
Cycle use:	Charging Voltage 14.4 to 15.0V Maximum Charging Current 0.9A
Standby use:	Float Charging Voltage 13.50 to 13.80V
Life expectancy	
Cycle Use:	100% depth of discharge 200 cycles 80% depth of discharge 225 cycles 50% depth of discharge 500 cycles
Standby Use:	3~5 years
Case Material:	ABS (Option: 94-HB & 94V-0 flame retardant case)
Terminal:	F1

Maintenance-Free Rechargeable Sealed Lead-Acid Battery

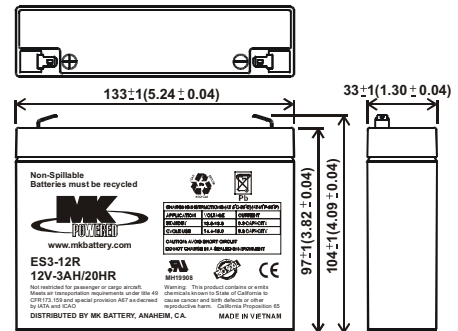


DIMENSIONS

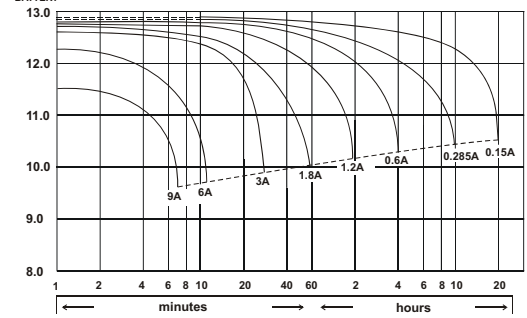


F1
(FASTON TAB NO. 187)

mm(inch)



(v) FOR 12V BATTERY
Discharge Time VS. Discharge Current (25°C)



MK Battery

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