

ES3-12

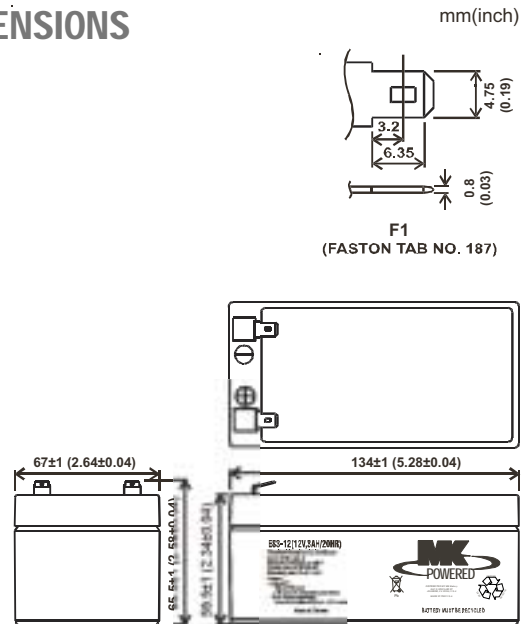
SPECIFICATIONS

Nominal Voltage (V)	12V
Nominal Capacity	
20hour rate (0.15A to 10.50V)	3Ah
10hour rate (0.3A to 10.50V)	3Ah
5hour rate (0.51A to 10.20V)	2.55Ah
1C (3A to 9.60V)	1.35Ah
3C (9A to 9.60V)	1.08Ah
Weight	3.02 Lbs. (1.37 kg)
Internal Resistance (at 1KHz)	34 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 No current limit required
Life expectancy :	
Cycle Use :	100% depth of discharge 250 cycles 80% depth of discharge 350 cycles 50% depth of discharge 550 cycles
Standby Use :	3-5 years
Case Material	ABS (94-HB & 94V-0 flame retardant case)
Terminal	F1

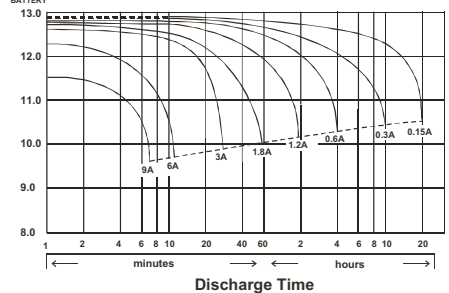
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



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



MK Battery

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