



ES2.9-12

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.145A to 10.50V)	2.9Ah
10 hour rate (0.29A to 10.50V)	2.755Ah
5 hour rate (0.493A to 10.20V)	2.465Ah
1C (2.9A to 9.60V)	1.305Ah
3C (8.7A to 9.60V)	1.01Ah

Weight Approx. 2.77Lbs. (1.26kg)

Internal Resistance (at 1KHz) 30 mΩ

Maximum Discharge Current for 30 seconds : 58A

Maximum Discharge Current for 5 seconds : 116A

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 months	90%
6 months	80%

Charging Methods at 20°C (68°F)

Cycle Use : Charging Voltage 14.4 to 15.0V
Maximum Charging Current : 0.87A

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 Material)

Terminal :

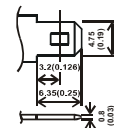
F1

Maintenance-Free Rechargeable Sealed Lead-Acid Battery

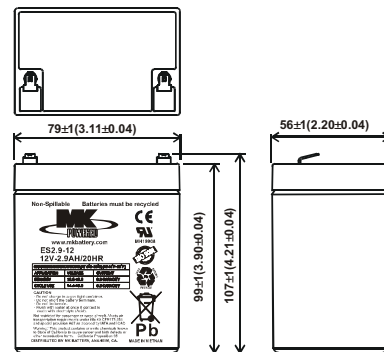


DIMENSIONS

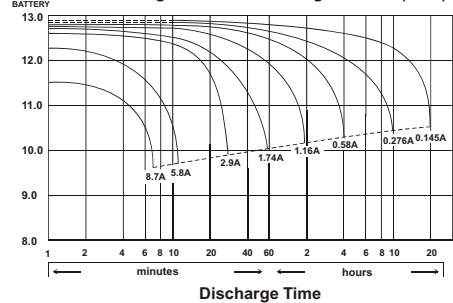
mm(inch)



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(FASTON TAB NO. 187)



(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (20°C)



MK Battery

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