

ES8.2-6S

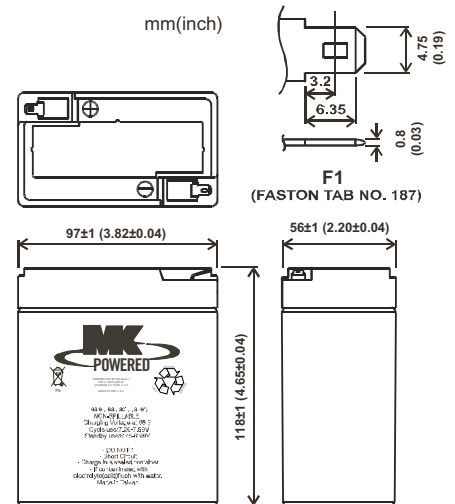
SPECIFICATIONS

Nominal Voltage (V)	6V
Nominal Capacity	
20hour rate (0.45A to 5.25V)	9Ah
10hour rate (0.9A to 5.25V)	9Ah
5hour rate (1.53A to 5.25V)	7.65Ah
1C (9A to 4.80V)	4.05Ah
3C (27A to 4.80V)	3.24Ah
Weight	3.47 Lbs. (1.57 kg)
Internal Resistance (at 1KHz)	10 mΩ
Maximum Discharge Current for 30 seconds :	180A
Maximum Discharge Current for 5 seconds :	360A
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 7.20 to 7.50V Maximum Charging Current 2.7A
Standby use :	Float Charging Voltage 6.75 to 6.90V 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

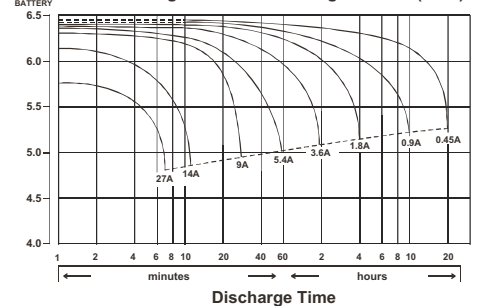
Maintenance-Free Rechargeable Sealed Lead-Acid Battery



DIMENSIONS



(v) FOR 6V BATTERY Discharge Time VS. Discharge Current (25°C)



MK Battery

1645 South Sinclair Street • Anaheim, California 92806
Toll Free: 800-372-9253 • Fax: 714-937-0818 • E-Mail: sales@mkbattery.com

