



# B00938



## RECHARGEABLE SEALED LEAD ACID BATTERY



### SPECIFICATIONS

Nominal Voltage (V)	6.00V		
Nominal Capacity			
20hour rate (0.14A)	to	5.25V	2.80Ah
10hour rate (0.28A)	to	5.25V	2.66Ah
5hour rate (0.48A)	to	5.25V	2.40Ah
1C (2.80A)	to	4.80V	1.26Ah
3C (8.40A)	to	4.80V	0.98Ah

Weight                      Approx. 0.57kg ( 1.25Lbs.)

Internal Resistance ( at 1KHz)                      21mΩ

Maximum Discharge Current for  
30 seconds:                      56A

Maximum Discharge Current for  
5 seconds:                      112A

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 7.20 to 7.50V

Maximum Charging Current: 0.84A

##### Standby use:

Float Charging Voltage 6.75 to 6.90V

#### Life expectancy:

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 retardent case)

#### Dimensions ( Tolerances ±0.04" ( 1mm ) )

Length:                      2.60" ( 66mm )

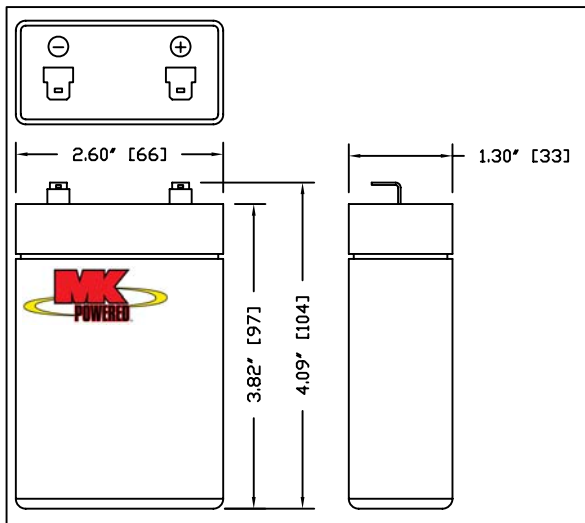
Width:                      1.30" ( 33mm )

Height:                      3.82" ( 97mm )

Height w/ Terminals:                      4.09" ( 104mm )

#### Terminal

F1 Faston - .187" ( 4.75mm )



(v) FOR 6V BATTERY **Discharge Time VS. Discharge Current (20°C)**

