SEBANG GLOBAL BATTERY

ROCKET

* VRLA (Valve Regulated Lead Acid Battery)
ES12-12 (12V, 12AH/20HR)

Applications

Cycle use
Various Portable Equipment / Medical Instruments /
Cameras & Photographic / Equipment /
Portable Digital Instrumants Personal Computers /
Powered Toys / Lighting Equipment
Renewable Energy System(Solar & Wind Power)

Stand by use
Security Alarm System / Fire Alarm System /
Computer Back-up / Emergency Ligting /
UPS Systems / Communication Equipment

Technical Features

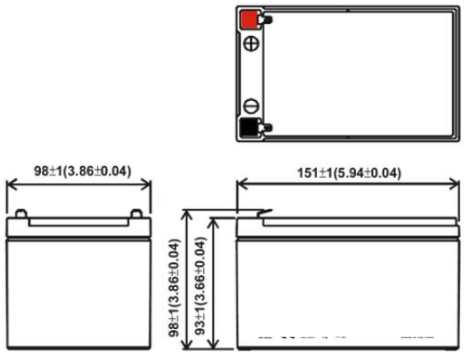
* No-Spill Sealed Construction
* Absorptive Glass Mat System (AGM System)
* Container & Cover : Acid-resistant ABS resin
  Option : UL94-V0 = ABS
* Gas Recombination
* Maintenance-Free Operation
* Low Pressure Venting System
* Heavy-Duty Grids
* Low Self-Discharge Temperature Range
* High Recovery capacity
* Design life 3 ~ 5 years at 25℃

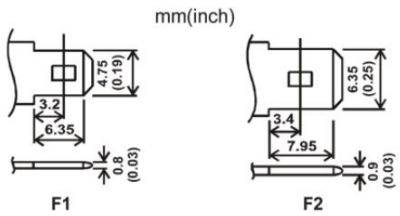
Specification

Cell per unit	6	**Ambient temperature**	
Nominal Voltage (V)	12	Charge 0℃(32℉) to 40℃ (104℉)	
Nominal Capacity (Ah)	12Ah@ 20hour rate F.V(1.75/cell)	Discharge -15℃(5℉) to 50℃ (122℉)	
Weight	Approx3.72kg(8.20Lbs.)	Storage -15℃(5℉) to 40℃ (104℉)	
Internal Resistance (1KHz)	25mΩ	**Max charge Current**	
Max Discharge Current (5s)	165A		Max charge current : 3.3A
Battery Life :	Stand by : 3~5 years	**Cycle use :**	Charge voltage: 14.4 to 15.0V
Terminal Type	F1/F2	**Stand by :**	Charge voltage: 13.50 to 13.80V
Container Material	ABS(Option : 94-HB & 94V-0 flame retardant case)		

MH46202

DIMENTIONS	Length	Width	Height	Total Height
Unit: mm	151±1	98±1	93±1	98±1
Unit: inch	5.94±0.04	3.86±0.04	3.66±0.04	3.86±0.04





Constant current discharge characteristics Unit:A(25℃77℉)										
F.V/Time	**5MIN**	**15MIN**	**30MIN**	**60MIN**	**2HR**	**3HR**	**5HR**	**8HR**	**10HR**	**20HR**
1.60V	50.6	24.5	13.40	8.74	4.90	3.35	2.21	1.38	1.22	0.67
1.67V	49.1	23.8	12.90	8.68	4.85	3.17	2.16	1.38	1.20	0.66
1.70V	47.7	23.5	11.70	8.52	4.80	3.00	2.11	1.37	1.16	0.64
1.75V	44.5	22.4	11.10	8.40	4.74	2.93	2.05	1.36	1.14	0.61
1.80V	41.4	21.6	10.30	6.26	4.70	2.86	2.02	1.36	1.13	0.60

Constant power discharge characteristics Unit:W(25℃77℉)										
F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	561.6	280.8	160.0	91.3	55.0	35.5	24.7	15.4	13.4	7.07
1.67V	542.6	275.3	159.0	90.4	54.7	35.4	24.7	15.4	13.4	7.07
1.70V	520.2	269.1	154.0	89.3	54.2	35.1	24.6	15.3	13.4	7.06
1.75V	489.6	261.1	151.1	87.7	54.3	34.8	24.4	15.2	13.3	7.02
1.80V	423.0	249.6	145.0	85.2	53.8	34.1	24.1	15.0	13.1	6.88