

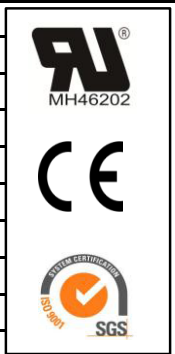


FEATURES

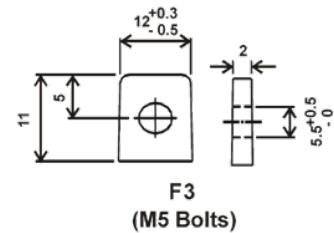
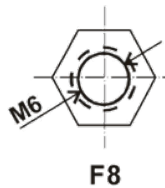
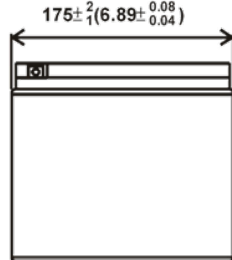
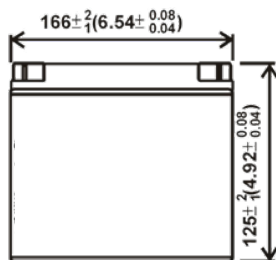
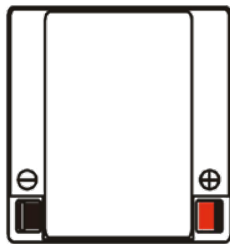
GELseries is specially designed for efficient discharges in cyclical applications under extreme environments. By using strong grids, high purity lead and Gel electrolyte. the HGEL series offers excellent recovery after deep discharge under frequent cyclic discharge use. Cycle life more than 600 times with 60% DOD. Suitable for solar, CATV, marine, and deep discharge UPS. RV LCB batteries are rechargeable Seal Lead highly efficient, leak proof and maintenance free.

SPECIFICATION

Cell per unit	6	Ambient temperature	
Nominal Voltage (V)	12	Charge	0°C (32°F) to 40°C (104°F)
Nominal Capacity (Ah)	30Ah @ 20hour rate F.V(1.75/Cell)	Discharge	-15°C (5°F) to 50°C (122°F)
Weight	Approx. 10.25kg(22.59Lbs.)	Storage	-15°C (5°F) to 40°C (104°F)
Internal Resistance (1KHz)	8mΩ	Max charge Current	
Max Discharge Current (5s)	390A (5s)	Cycle use :	Max charge current : 9A
Battery Life :	Stand by : 5~7 years		Charge voltage: 14.4V to 15.0V
Terminal Type	NB(F3)/IT(F8)	Stand by :	Charge voltage: 13.5V to 13.8V
Container Material	ABS(Option : 94-HB & 94V-0 flame retardant case)		



DIMENSIONS	Length	Width	Height	Total Height
Unit: mm	166±1	175±1	125±1	125±1
Unit: inch	6.54±0.04	6.89±0.04	4.92±0.04	4.92±0.04



mm(inch)

Constant current discharge characteristics Unit:A(25°C 77°F)

F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	140.0	63.0	35.1	20.0	11.4	8.36	5.16	3.76	3.30	1.73
1.67V	136.0	61.0	34.6	19.4	11.3	8.10	5.05	3.75	3.27	1.72
1.70V	128.0	58.0	34.3	19.1	11.2	8.01	4.93	3.72	3.24	1.61
1.75V	120.0	54.1	32.9	18.6	11.0	7.80	4.80	3.67	3.15	1.47
1.80V	103.0	49.0	31.3	17.7	10.8	7.30	4.72	3.60	2.95	1.43

Constant power discharge characteristics Unit:W(25°C 77°F)

F.V/Time	5MIN	15MIN	30MIN	60MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	1415	712.0	389.8	234.0	141.0	102.0	70.0	42.6	40.0	17.2
1.67V	1362	691.0	383.2	225.0	134.0	98.0	68.0	42.2	39.8	17.1
1.70V	1330	680.0	376.3	221.0	132.8	96.5	67.3	41.8	39.4	17.0
1.75V	1260	650.0	366.4	210.0	131.7	93.2	65.2	41.7	38.1	16.8
1.80V	1140	599.0	356.2	200.0	129.8	88.1	61.1	41.3	35.2	16.5