



EVH series

EVH 12150 12V 15AH



Valve Regulated Lead Acid Battery

Maintenance-Free Sealed Lead Acid Battery.

Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99%.

Design for Cyclic Applications

【Design Life】

450 cycles @ 100%DOD at 25°C

1800 cycles @ 30%DOD at 25°C

【Operating Temperature Range】

Nominal Operating Temperature : 25°C (77°F)

Discharge : -15°C ~ 50°C (5°F~122°F)

Charge : -15°C ~ 40°C (5°F~104°F)

Storage : -15°C ~ 40°C (5°F~104°F)

【Equalization Charging Voltage】

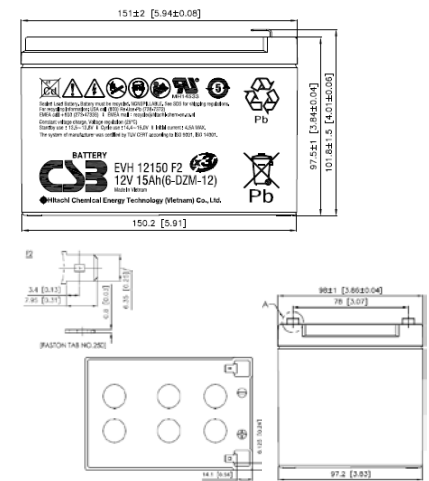
14.4 ~ 15.0 VDC/Unit at 25°C (77°F)

【Self Discharge】

Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F); Fully recharging is required before usage, and charged sooner if stored at higher temperature than 25°C (77°F).

Specification

Nominal Voltage	12V (6 cells per unit)	
Nominal Capacity	15 Ah @20hr-rate to 1.75V per cell @25°C (77°F)	
Weight	Approx. 4.60 Kg (10.14 lbs)	
Maximum Discharge Current	180 A (5sec)	
Internal Resistance	Approx. 10.5 mΩ	
Short Circuit Current	--	
Maximum Charge Current	4.50 A	
Terminal type	F2 terminal -Faston Tab 250	
Terminal hardware Torque	--	
Container Material	ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request	
Dimensions	Length (L)	151.0±2.0 mm 5.94±0.08 inch
	Width (W)	98.0±1.0 mm 3.86±0.04 inch
	Container Height (h)	97.5±1.0 mm 3.84±0.04 inch
	Overall Height (H)	101.8±1.5 mm 4.01±0.06 inch



Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	30MIN	60MIN	45MIN	90MIN	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
1.60V	20.0	11.2	14.4	7.85	6.18	4.33	3.35	2.74	2.17	1.79	1.43	0.79
1.67V	19.9	11.0	14.1	7.79	6.11	4.25	3.31	2.73	2.16	1.78	1.42	0.78
1.70V	19.8	10.9	13.9	7.73	6.03	4.23	3.30	2.72	2.15	1.77	1.41	0.77
1.75V	19.5	10.8	13.8	7.66	6.00	4.17	3.27	2.71	2.14	1.76	1.39	0.76
1.80V	19.0	10.7	13.8	7.50	5.83	4.08	3.19	2.64	2.10	1.74	1.38	0.75
1.85V	18.2	10.4	13.3	7.38	5.72	3.94	3.09	2.56	2.03	1.68	1.33	0.72

Constant Power Discharge Characteristics Unit: W (25°C, 77°F)

F.V/Time	30MIN	60MIN	45MIN	90MIN	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
1.60V	221	129	165	91.4	71.0	49.6	38.9	31.9	25.3	21.0	17.1	8.98
1.67V	220	128	163	90.8	70.5	49.2	38.6	31.7	25.2	20.9	17.0	8.96
1.70V	218	127	162	89.9	70.0	49.0	38.4	31.5	25.1	20.8	16.9	8.92
1.75V	215	125	159	88.7	69.4	48.8	38.1	31.1	24.9	20.7	16.8	8.82
1.80V	211	123	157	87.3	68.6	47.9	37.5	30.7	24.6	20.5	16.7	8.74
1.85V	206	121	155	85.3	66.6	46.7	36.3	29.6	23.8	19.9	16.4	8.52

Please refer to the official site for the latest rating confirmation. URL: www.csb-battery.com

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