

◆ Valve Regulated Lead Acid Battery(VRLA)

ESP150-12 (12V, 150Ah/10Hr)

SEBANG GLOBAL BATTERY

► Applications

- Solar, Renewable , UPS, Telecoms

► Technical Features

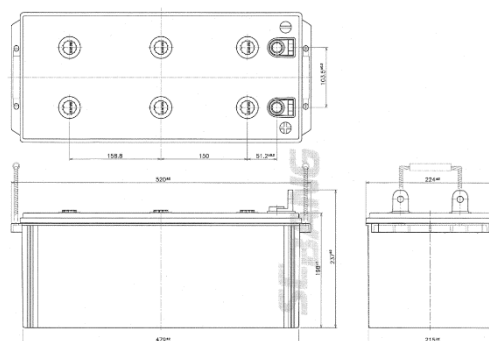
- Sealed Construction
- Absorbent Glass Mat System(AGM System)
- Gas Recombination
- Low Pressure Venting System
- Maintenance Free



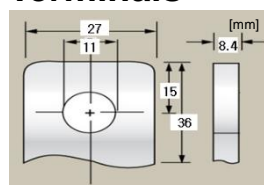
► Specifications

Nominal Capacity(AH)	· 150	
Nominal Voltage(V)	· 12	
Dimensions(L*W*H*TH)	· 520*224*198*237(mm)	
Weight(kg)	· 49.7	
Design life(at 25°C)	Cycle	· DOD50% 1000 cycle
	Float	· 10 years
Internal resistance(mΩ, at 25°C)	· 2.6	
Self Discharge(at 25°C)	· 3% / Month	
Operational Temperature Range	Storage	· -15 ~ 40°C
	Discharge	· -15 ~ 45°C
	charge	· 0 ~40°C
Charge voltage (at 25°C)	Cyclic use	· 14.4V
	Standby use	· 13.32V

► Lay out



► Terminals



► Performance Data (Constant Current-Ampere, at 25°C)

Final Voltage	5min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h	100h
1.8V / Cell	375	212	144	105	85.7	51.7	37.1	24.2	16.4	15.0	8.1	1.62
1.7V / Cell	422	240	149	112	92.3	55.0	40.1	26.4	17.3	15.3	8.2	1.80
1.6V / Cell	492	261	153	115	94.8	56.9	41.7	27.3	19.1	15.6	8.4	1.87

► Performance Data (Constant Power-Watts, at 25°C)

Final Voltage	5min	10min	15min	20min	30min	40min	50min	1hr	2hr	3hr	5hr	8hr	10hr
1.8V / Cell	3593	2943	2596	2331	1819	1532	1325	1173	694	503	331	223	184
1.75V / Cell	4258	3253	2776	2451	1914	1582	1350	1195	704	508	334	225	186
1.7V / Cell	4818	3523	2916	2536	1964	1612	1375	1213	709	511	336	227	188
1.6V / Cell	5613	3823	3046	2586	1984	1632	1395	1233	719	518	342	230	190