

◆ Valve Regulated Lead Acid Battery(VRLA)

ESP200-12 (12V, 200Ah/10Hr)

► Applications

- Solar, Renewable , UPS, Telecoms

► Technical Features

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

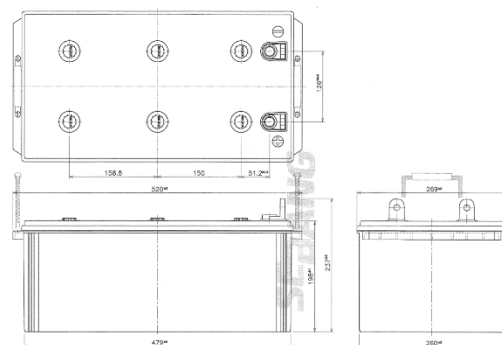
► Specifications

Nominal Capacity(AH)	· 200	
Nominal Voltage(V)	· 12	
Dimensions(L*W*H*TH)	· 520*269*198*237(mm)	
Weight(kg)	· 60.9	
Design life(at 25°C)	Cycle	· DOD50% 1000 cycle
	Float	· 10 years
Internal resistance(mΩ, at 25°C)	· 2.4	
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

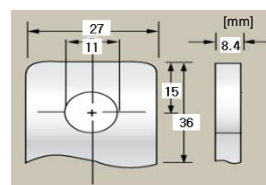
SEBANG
SEBANG GLOBAL BATTERY



► 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	500	283	192	140	114	69.0	49.4	32.3	21.7	20.0	10.7	2.16
1.7V / Cell	562	320	199	149	123	73.3	53.4	35.1	23.0	20.4	10.8	2.40
1.6V / Cell	656	348	204	153	126	75.9	55.7	36.4	25.5	20.6	11.0	2.50

► 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	4135	3693	3280	2860	2223	1810	1508	1320	740	530	390	262	222
1.75V / Cell	5055	4053	3450	3010	2291	1890	1580	1350	748	540	400	269	224
1.7V / Cell	5715	4303	3580	3120	2350	1920	1600	1370	757	550	405	274	227
1.6V / Cell	6585	4603	3680	3150	2400	1940	1630	1400	765	560	410	277	230