

Applications

- Solar system and Wind system
- Solar street light and solar garden light
- Emergency lighting equipment
- Fire alarm and security systems
- Telecommunication equipment
- Electric equipment and telemeter equipment

Battery Model	2V600Ah			
Capacity (25°C)	10Hr (60A,1.80V)	5Hr(105A,1.80V)	3Hr (153.6A,1.80V)	1Hr(336A,1.80V)
	600Ah	525Ah	460.8Ah	336Ah
Dimensions	Length	Width	Height	Total Height
	302mm	176mm	330mm	336mm
Approx Weight	36.9kG			
Internal Resistance	0.37mΩ			
Self Discharge	≤2% per month (25°C)			
Charge Voltage 25°C	Cycle Use		Float Use	
	2.33V(-3.5mV/°C),max charge current:120A		2.22V(-3.5mV/°C)	

General Features

- Wide operating temperature range from -45°C to 60°C
- Sealed and maintenance free operation
- Low self-discharge rate and long shelf life (12 months at 25°C)
- ABS containers and covers
- No memory effect, thick flat plate with high Tin low Calcium alloy
- Absorptive Glass Mat Technology (AGM System)
- Safety valve installation for explosion proof
- Long Service Life, Float or Cyclic





Discharge Parameter

Constant Current Discharge Data (25°C,A)

End Voltage (V/cell)	5min	10min	15min	20min	30min	1h	2h	3h	5h	10h	20h	100h	120h
1.65	1020	900	864	780	606	375	225	165	114	67.5	33.9	7.5	6.54
1.70	980	895	790	681	570	369	224	163.2	111.3	63.9	33.3	7.5	6.54
1.75	900	837	744	657	552	360	216	160.9	109.2	62.7	33.0	7.5	6.54
1.80	840	796	687	606	510	336	208	153.6	105	60.0	32.4	7.5	6.54
1.85	720	687	327	567	477	324	196.9	144	98.7	56.7	30.6	7.5	6.54

Constant Power Discharge Data (25°C,W/cell)

End Voltage	5min	10min	15min	20min	30min	1h	2h	3h	5h	10h	20h	100h	120h
1.65	1782	1653	1554	1413	1107	696	420	312	216	99	50.7	15	13.2
1.70	1707	1632	1425	1256	1063	690	417	312	213	98.7	50.1	15	13.2
1.75	1641	1545	1396	1230	1038	687	414	309	210	92.1	49.548.3	15	13.2
1.80	1589	1494	1332	1149	975	642	406	297	204	90	47.9	15	13.2
1.85	1374	1317	1208	1098	927	633	384	282	195	85	45.9	15	13.2

Performance Curve

