



VRLA battery uses AGM and GEL hybrid technology, it has good deep cycle and large current discharge performance. As the economy-type solar battery, it can be widely used in renewable energy, electrical vehicle etc.

Benefits

- Deep cycle for solar application
- Good large current discharge performance
- High gas recombination efficiency
- Maximum charge efficiency
- Low self-discharge rate
- Easy installation and handling



Standards

- IEC 60896-21/22
- IEC 61427
- EUROBAT guide

Application

- Electrical Vehicle
- Renewable Energy
- Universal

Battery Discharge Table

Constant Current Discharge Data (25°C, A)												
End Voltage (V)	min				h							
	10	20	30	45	1	1.5	2	3	5	10	20	
9.6	2763.6	1807.2	1317	967.2	768.6	576.42	485.22	353.64	230.4	121.2	62.1	
9.9	2716.2	1783.2	1305	960.6	763.8	572.94	482.64	352.26	229.38	120.78	61.92	
10.2	2669.4	1759.2	1292.4	954	758.4	569.76	480.18	350.52	228.48	120.3	61.68	
105.5	2615.4	1729.2	1273.8	941.4	750.6	564.96	476.88	348.72	227.7	120	61.56	

Constant Power Discharge Data (25°C, W)												
End Voltage (V)	min				h							
	10	20	30	45	1	1.5	2	3	5	10	20	
9.6	4796.4	3268.2	2432.4	1813.2	1460.4	1110.6	943.2	693	454.56	239.82	123.06	
9.9	4768.8	3265.2	2425.8	1809	1453.8	1106.4	940.2	691.8	453.72	239.52	122.88	
10.2	4740	3254.4	2417.4	1805.4	1451.4	1103.4	939	691.2	452.7	239.22	122.76	
10.5	4707.6	3232.2	2404.2	1797	1444.8	1098.6	937.2	690	452.22	238.92	122.7	

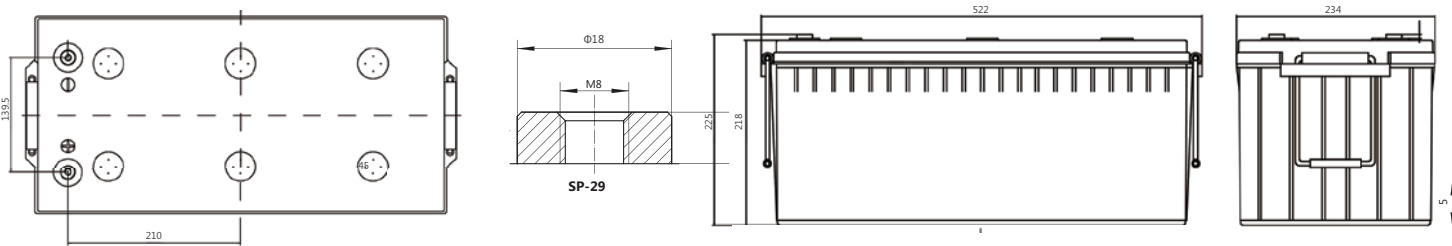
The Crown of Power Solution



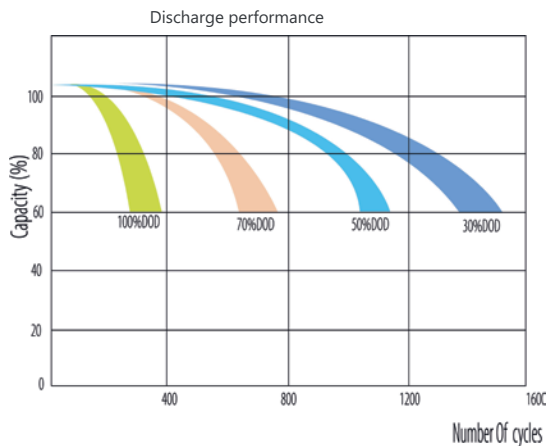
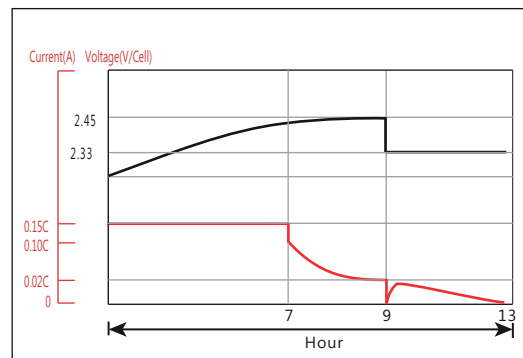
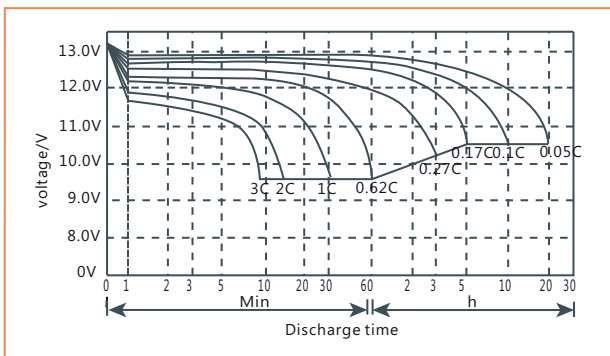
Specifications

Battery Model	PS-122000-GSS(12V200A)			
Design Life (years, 25°C)	10			
Capacity (Ah, 25°C)	20HR (10.26A, 1.75V)	10HR (20.0A, 1.75V)	5HR (37.95A, 1.75V)	3HR(58.12A, 1.75V)
	205.2	200	189	174
Dimensions (mm)	Length	Width	Height	Total Height
	522	234	218	227
Approx. Weight (kg)	63.5			
Reference Internal Resistance (mΩ)	3.0 (fully charged @ 25°C)			
Maximum Discharge Current (A/10 Sec.)	1530			
Self-Discharge (25°C)	≤ 3% per month			
Charge Voltage (V/cell, 25°C)	Cycle use		Float use	
	2.45 (-3.0mV/°C/cell), max charge current: 25A		2.35 (-3.0mV/°C/cell)	
Short Circuit Current (A)	2850			

Dimensions(mm)



Performance Curve



Charge performance