

5GVRLA

5GVRLA5 12V 5Ah

5GVRLA series battery uses AGM technology and high-purity raw materials. Its good floating back up and large current discharge performance makes it optimal and economical choice for UPS/EPS.

Benefits

- Standard Commercial according to EUROBAT Classification
- Maximum charge efficiency
- High gas recombination efficiency
- Low self-discharge rate
- Easy installation and handling

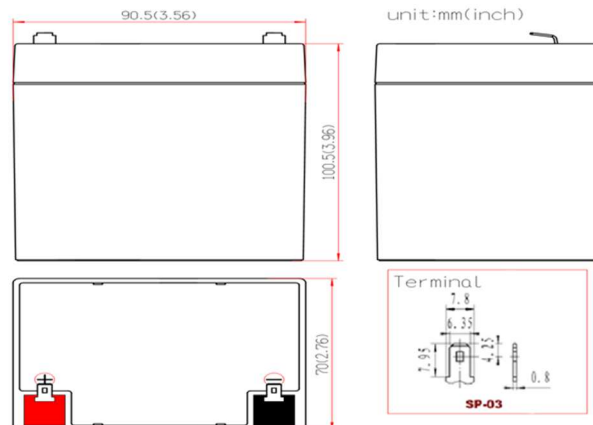
Applications

- UPS units
- Emergency power
- Starting generators
- EPS units

Standards

- IEC 60896:21/22: 2004
- JIS C8702-1/2: 2009
- EUROBAT guide
- Installation compliant with EN50272-2

Drawing



Specifications

Battery Model	5GVRLA5			
Design Life (years, 25°C)	5			
Capacity (Ah, 25°C)	20HR (0.35A, 1.75V)	10HR (0.65A, 1.75V)	5HR (1.27A, 1.75V)	1HR(4.534A, 1.70V)
	5	4.3	3.75	2,42
Dimensions (mm)	Length	Width	Height	Total Height
	90.5	70	100.5	107
Approx. Weight (kg)	162			
Reference Internal Resistance (mK)	22			
Maximum Discharge Current (A/5 Sec.)	70			
Self-Discharge (25°C)	≤3% per month			
Charge Voltage (V/cell, 25°C)	Cycle use		Float use	
	14.7V(-24mV/°C), max charge current:1A		13.62V(-18mV/°C)	
Short Circuit Current (A)	190			

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Discharge Data

Constant Current Discharge Data (25°C, A)													
End Voltage (V/cell)	min						h						
	5	10	15	20	30	45	1	1.5	2	3	5	10	20
1.60	17.72	11.6	8.96	6.94	4.93	3.3	2.49	1.98	1.55	1.14	0.76	0.44	0.25
1.65	17.61	11.5	8.73	6.77	4.84	3.26	2.47	1.98	1.54	1.12	0.76	0.44	0.25
1.67	17.37	11.26	8.56	6.66	4.77	3.2	2.42	1.97	1.53	1.11	0.75	0.43	0.25
1.70	16.61	10.63	8.03	6.3	4.59	3.15	2.43	1.94	1.5	1.11	0.75	0.43	0.25
1.75	15.07	9.83	7.51	5.94	4.39	3.04	2.37	1.91	1.49	1.1	0.75	0.41	0.24
1.80	17.72	11.6	8.96	6.94	4.93	3.3	2.49	1.98	1.55	1.14	0.76	0.44	0.25

Constant Power Discharge Data (25°C, W/cell)													
End Voltage (V/cell)	min						h						
	5	10	15	20	30	45	1	1.5	2	3	5	10	20
1.60	33.02	22.22	17.23	13.42	9.66	6.52	4.95	3.95	3.11	2.27	1.53	0.88	0.5
1.65	32.81	22.02	16.78	13.11	9.5	6.44	4.91	3.94	3.08	2.25	1.52	0.86	0.5
1.67	32.37	21.58	16.47	12.89	9.37	6.33	4.82	3.91	3.05	2.23	1.49	0.86	0.49
1.70	30.96	20.36	15.43	12.19	9	6.21	4.82	3.86	3.01	2.21	1.49	0.85	0.49
1.75	28.08	18.84	14.44	11.5	8.62	6.01	4.71	3.8	2.98	2.2	1.48	0.84	0.46
1.80	33.02	22.22	17.23	13.42	9.66	6.52	4.95	3.95	3.11	2.27	1.53	0.88	0.5

Performance Curve

