



GPL series
GPL 12 72 12V7.2AH



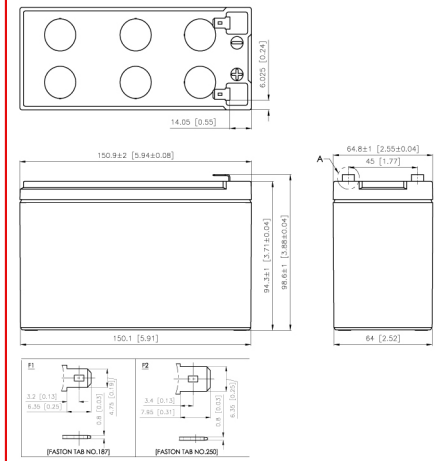
Valve Regulated Lead Acid Battery

Maintenance-Free Sealed Lead Acid Battery.
Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99%.

Design for Standby Power Applications

<p>【Design Life】 Up to 8 Years in Standby Service at 25°C Eurobat (20°C) : 6-9 years, General Purpose</p> <p>【Operating Temperature Range】 Nominal Operating Temperature : 25°C(77°F) Discharge : -15°C ~ 50°C (5°F~122°F) Charge: -15°C ~ 40°C (5°F~104°F) Storage: -15°C ~ 40°C (5°F~104°F)</p>	<p>【Float Charging Voltage】 13.5 ~ 13.8 VDC/Unit at 25°C (77°F)</p> <p>【Equalization Charging Voltage】 14.4 ~ 15.0 VDC/Unit at 25°C (77°F)</p> <p>【Self Discharge】 Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F); Fully recharging is required before usage, and charged sooner if stored at higher temperature than 25°C (77°F).</p>
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Specification	Design according with IEC 61056-1/2:2012	
Nominal Voltage	12V (6 cells per unit)	
Nominal Capacity	7.2 Ah @20hr-rate to 1.75V per cell @25°C (77°F)	
Weight	Approx. 2.60 Kg (5.73 lbs)	
Maximum Discharge Current	100/130A (5sec)	
Internal Resistance	Approx. 22.0mΩ	
Short Circuit Current	265A	
Maximum Charge Current	2.16A	
Terminal type	F1/F2 Faston Tab Terminal (187/250)	
Terminal Breaking Torque	--	
Container Material	ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request	
Dimensions	Length (L)	150.9±2.0 mm 5.94±0.08 inch
	Width (W)	64.8±1.0 mm 2.55±0.04 inch
	Container Height (h)	94.3±1.0 mm 3.71±0.04 inch
	Overall Height (H)	98.6±1.0 mm 3.88±0.04 inch



Constant Current Discharge Characteristics Unit: A (25°C, 77°F)													
F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR	
1.60V	24.1	19.2	15.6	9.05	4.87	3.43	2.67	1.93	1.29	0.90	0.73	0.39	
1.67V	23.1	18.3	14.9	8.80	4.72	3.33	2.60	1.89	1.28	0.88	0.72	0.38	
1.70V	22.6	17.8	14.5	8.68	4.65	3.28	2.56	1.87	1.27	0.87	0.71	0.37	
1.75V	21.8	17.0	13.9	8.45	4.52	3.20	2.50	1.82	1.23	0.86	0.70	0.36	
1.80V	20.8	16.2	13.2	8.19	4.39	3.13	2.46	1.77	1.20	0.84	0.69	0.35	
1.85V	19.6	15.3	12.5	7.87	4.27	3.04	2.39	1.74	1.16	0.82	0.67	0.34	

Constant Power Discharge Characteristics Unit: W (25°C, 77°F)													
F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR	
1.60V	258	210	173	103	54.0	38.1	29.8	22.0	15.3	10.5	8.78	4.46	
1.67V	251	202	166	101	53.3	37.4	29.1	21.8	15.0	10.4	8.64	4.40	
1.70V	247	199	162	99.3	52.9	37.1	28.8	21.6	14.9	10.2	8.57	4.36	
1.75V	240	192	156	97.4	52.3	36.5	28.2	21.2	14.5	10.1	8.45	4.28	
1.80V	231	185	151	95.0	51.5	35.8	27.7	20.8	14.1	10.0	8.29	4.20	
1.85V	222	177	146	92.2	50.6	35.2	27.2	20.4	13.8	9.72	8.14	4.12	

Please refer to the official site for the latest rating confirmation.

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