IEEE/UL Battery Sizing by MooreU 610-952-6067 www.mooreu.com

GPL Series

GPL 12260 Datasheet

12V Top Terminal VRLA-AGM

Specifications

Voltage (Vdc)	12
Nominal Capacity (1.75 VPC @25°C)	26 Ah @20hr-rate
Ah Capacity (8-Hr 1.75 VPC @ 25°C)	26.72
Ah Capacity (20-Hr 1.75 VPC @ 25°C)	29.00
Ah Capacity (8-Hr 1.80 VPC @ 25°C)	26.00
Max Charge Current (A)	7.80
Max Discharge Current (A)	350
Short Circuit Current (A)	662
Internal Resistance (mΩ)	Approx. 9.6
Terminal Type	I1 thread lead alloy terminal to accept M5 bolt
Terminal Torque	30.4±6.1 Kgf·cm / 26.4±5.3 Lbf·in / 3.0±0.6 N·m
Container Material	ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request
Weight (kg. / lb., Approx.)	8.30 / 18.29
Length (L) (mm / in)	166.0±2.0 / 6.54±0.08
Width (W) (mm / in)	175.0±2.0 / 6.89±0.08
Height (H) (mm / in)	125.0±1.5 / 4.92±0.06
Design Life	Up to 8 Years in Standby Service at 25°C Eurobat (20°C): 10/12 Years Long Life
Operating Temperature	Nominal: 25°C (77°F) Discharge: -15°C - 50°C (5°F-122°F) Charge/Storage: -15°C - 40°C (5°F – 104°F)
Float Charging Voltage	13.5 - 13.8 Vdc/battery 25°C (77°F)
Eq. Charging Voltage	14.4 - 15.0 Vdc/battery 25°C (77°F)
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).

Valve Regulated Lead Acid (VRLA) Battery

Maintenance-Free, Absorbent Glass Mat (AGM) Technology for Efficient Gas Recombination of up to 99%

Pure Lead Construction and Proprietary Elements

Designed for Float Service Standby Power Applications

Built in Accordance with IEC 61056-1/2:2012 and UL1989 Recognized (MH14533)

MH14533

11F, No. 150, Sec. 4, Chengde Rd., Shilin Dist., Taipei City 111052, Taiwan (R.O.C.)
Tel: +886-2-2880-5600 Mail: service@csb-battery.com.tw

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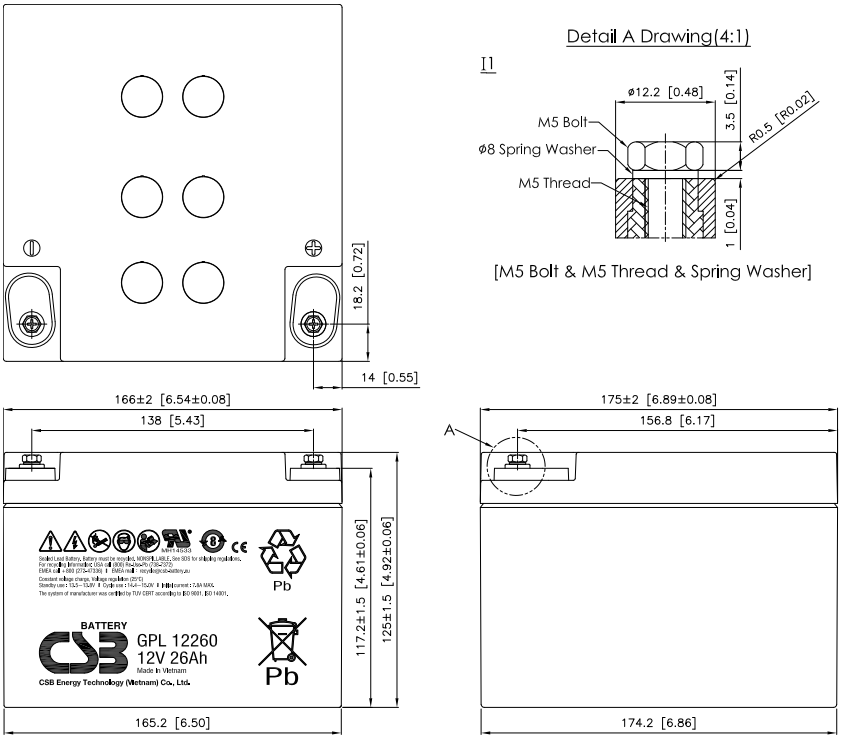
Constant Current Discharge Characteristics Unit: A (25°C, 77°F)												
F.V/Time	**5MIN**	**10MIN**	**15MIN**	**30MIN**	**60MIN**	**90MIN**	**2HR**	**3HR**	**5HR**	**8HR**	**10HR**	**20HR**
10.02V (1.67 VPC)	100	68.4	51.5	30.9	18.6	13.7	11.0	7.86	5.14	3.41	2.95	1.48
10.50V (1.75 VPC)	88.4	61.2	47.0	29.3	17.9	13.3	10.8	7.66	5.03	3.34	2.90	1.45
10.80V (1.80 VPC)	79.0	56.0	44.1	27.9	17.3	12.9	10.5	7.52	4.91	3.25	2.80	1.42

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**
10.02V (1.67 VPC)	1034	736	577	355	214	160	131	94.6	61.6	41.5	33.6	17.7
10.50V (1.75 VPC)	965	695	527	338	210	158	129	92.2	60.6	40.5	33.4	17.5
10.80V (1.80 VPC)	892	643	496	323	204	155	127	91.1	59.9	39.4	32.2	17.4



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