

Deep Cycle Gel Range VRLA

EverExceed[®]
power your applications

*EverExceed Gel Technology
Excels in cycling applications*


For Mobility / Solar / Marine
Telecommunication Applications



12-30G / E8G26-12 GELLED VALVE REGULATED LEAD ACID BATTERY (GVR) FOR CYCLING APPLICATIONS 12V 20.1 AH @ 5 HR RATE 12V 26 AH @ 20 HR RATE



FEATURES

- ❏ Exceptional energy storage capacity combined with long life - BCI Classification
- ❏ Thick positive plate design for maximum service float life - 12 year design life @ 20°C(68°F)
- ❏  UL Recognized component .
- ❏ Spill-proof and leak-proof
- ❏ Maintenance-free (no topping up) during the whole service life due to EverExceed GEL technology
- ❏ Flame-arresting one-way pressure-relief vent for safe and long life
- ❏ Electrolyte in solid gel form will not stratify - no equalization charge required
- ❏ Increased durability and deep cycle ability for heavy-duty applications
- ❏ Fully tank formed grid Lead Calcium Tin plate ensures voltage matching between cells
- ❏ Shelf life up to 2 years at 20°C (68°F), very low gassing due to internal gas recombination
- ❏ Can be used in any orientation. Upright, side or end mounting recommended

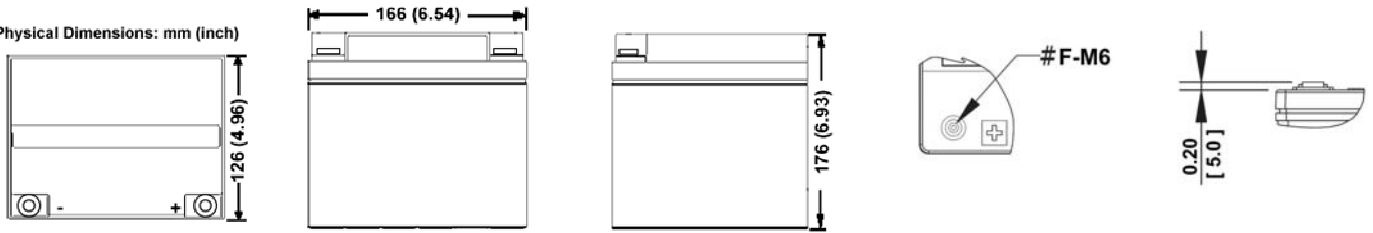
12 VOLTS - 26 AMPERE HOUR @ 20 HOUR RATE

AH Capacity to 1.75VPC @ 68°F (20°C)

End Point Volts/Cell	1.5hr	2hr	3hr	4hr	5hr	8hr	10hr	12hr	20hr
1.75	15.2	17.1	18.5	19.4	20.1	22.5	23.4	23.9	26.0

Deep Cycle Gel Range 12-30G

Physical Dimensions: mm (inch)



12-30G – Specifications

Cells Per Unit	Voltage Per Unit	Weight	Electrolyte	CCA at -18°C	Short Circuit Current	Ohms Imped 60 Hz (Ω)
6	12.84	20.7 lbs 9.4 kg	SG = 1.280	190 Amps	1100 Amps	0.0108

Capacity	26 Ah @ 20 hr. rate to 1.75 volts per cell @ 68°F (20°C). 20.1 Ah @ 5 hr. rate to 1.75 volts per cell @ 20°C (68°F).
Applicable Operating Temperature Range	-40°F (-40°C) to +140°F (60°C).
Ideal Operating Temperature Range	+68°F (+20°C) to +77°F (25°C).
Floating Charging Voltage	13.5 to 13.8 VDC/unit Average at 77°F (25°C).
Recommended Maximum Charging Current Limit	0.25C20 amperes (6.5 amperes @ 100% depth of discharge) @ 20 hr. rate.
Equalization and Cycle Service Charging Voltage	14.1 to 14.4 VDC/unit Average at 77°F (25°C).
Maximum AC Ripple (Charger)	0.5% RMS or 1.5% P-P of float charge voltage recommended for best results. Maximum voltage allowed = 1.4% RMS (4% P-P). Maximum current allowed = 1.3 amperes RMS (C/20).
Self Discharge	EverExceed Deep Cycle Gel Range batteries may be stored for up to 24 months at 68°F (20°C) and then a freshening charge is required. For higher temperatures the time interval will be shorter.
Accessories	Inter unit connectors racks and cabinet systems are available.
Terminal: Inserted	Threaded copper alloy insert terminal
Terminal Hardware Initial Torque: Inserted Terminal	9 N-m

Constant Power Discharge Ratings – Watts Per Cell @ 68°F (20°C)

End Point Volts/Cell	Operating Time to End Point Voltage (in hour)									
	1.5	2	3	4	5	8	10	12	20	24
1.85	16.1	15.1	11.1	8.77	7.30	5.13	4.25	3.62	2.39	2.04
1.80	18.9	16.0	11.6	9.24	7.69	5.41	4.49	3.85	2.52	2.14
1.75	19.3	15.4	11.1	8.79	7.33	5.13	4.28	3.65	2.40	2.03

Constant Current Discharge Ratings – Amperes @ 68°F (20°C)

End Point Volts/Cell	Operating Time to End Point Voltage (in hour)									
	1.5	2	3	4	5	8	10	12	20	24
1.85	9.33	7.85	5.67	4.48	3.70	2.58	2.13	1.81	1.20	1.02
1.80	9.87	8.35	6.00	4.75	3.92	2.74	2.28	1.94	1.26	1.07
1.75	10.1	8.55	6.17	4.85	4.02	2.81	2.34	1.99	1.30	1.10

Note: Batteries to be mounted with 0.5 in (1.25 cm) spacing minimum and free air ventilation. Specifications subject to change without notification.