



HIGH PERFORMANCE

SEALED VRLA MONOBLOC
AGM BATTERIES



HR-1226

VALVE REGULATED
LEAD ACID BATTERY

12V 95.8WATTS/CELL
@ 15MIN to 1.67 VPC

12V 26.0AH @ 10 HR to 1.80VPC
12V 28.0AH @ 20 HR to 1.75VPC

FOR APPLICATION:
UPS
SWITCHGEAR
INDUSTRIAL DC POWER

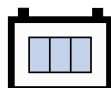
Innovative Features

- One-way relief valve, Explosion Resistant.
- Patented long life alloy having the lowest calcium levels industry-minimizing grid growth, reducing gassing, and extending battery life.

- 12 years design life in float applications @ 25°C(77°F).
- UL Recognized component.
- Valve regulated lead acid battery (VRLA).
- High-Compression Absorbed Glass Mat technology (AGM) for greater than 99% recombination efficiency.
- Proprietary Fixed Orifice Plate Pasting technology applying active materials on both sides of the grid for consistent cell-to-cell performance, higher capacity and uniform grid protection.
- Operates at a low internal pressure.
- Heavy duty threaded copper alloy terminals for ease of assembly, reduced maintenance and increased safety.
- Advanced lead tin calcium alloy, reduces grid corrosion and promotes long battery life.
- Over-sized, through the partition inter-cell welds provide low resistance connections, with minimal power loss.
- Flame arresting, low pressure safety release venting system for individual cells, recognized per U.L. 924.
- Horizontal or vertical operation.
- Multicell design for ease of installation and maintenance.
- Standard: Reinforced ABS (UL 94HB) container and cover
Optional: Flame-retardant reinforced ABS case and cover compliant with U.L.94 V-0 with an Oxygen Limiting Index of greater than 28%.

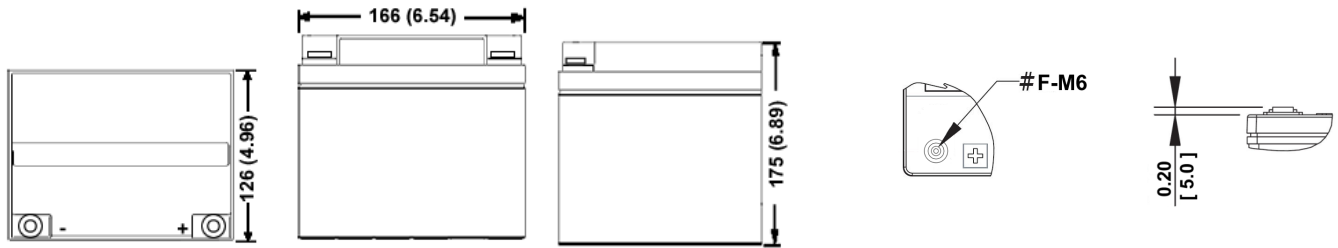
| 12 VOLTS - 95.8WATTS @ 15 MIN RATE | | | | | | | | | | |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Constant Power Discharging Ratings - Watts Per Cell @ 25°C (77°F) | | | | | | | | | | |
| End Point Volts/Cell | 5min | 10min | 15min | 20min | 30min | 40min | 45min | 50min | 60min | 90min |
| 1.67 | 171 | 115 | 95.8 | 75.6 | 58.2 | 47.2 | 44.3 | 40.8 | 35.5 | 25.8 |

For UPS / Switchgear / Industrial DC Power



High Rate Range VRLA

EverExceed[®]
power your applications



Length : 166mm Width : 126mm Height : 175mm

| Electrical Specifications | | | | | | |
|---------------------------|------------------|----------------|-------------|---------------------------|-----------------------|---------------------|
| Cells Per Unit | Voltage Per Unit | Weight | Electrolyte | Maximum Discharge Current | Short Circuit Current | Ohms Imped 60 Hz(Ω) |
| 6 | 12.84 | 20.9lbs 9.50kg | SG = 1.300 | 165Amps | 1315 Amps | 0.0080 |

| | |
|--|---|
| Capacity | 95.8Watts per all at the 15 minute rate to 1.67 volts per cell at 25°C (77°F). 26.0Ah @ 10 hr. rate to 1.80 volts per cell @ 25°C (77°F). 28.0 Ah @ 20 hr. rate to 1.75 volts per cell @ 25°C (77°F). |
| Applicable Operating Temperature Range | -40°F (-40°C) to +158°F (70°C). |
| Ideal Operating Temperature Range | +68°F (+20°C) to +82.4°F (28°C). |
| Floating Charging Voltage | 13.5 to 13.8 VDC/unit Average at 25°C (77°F). |
| Recommended Maximum Charging Current Limit | C/5 amperes (5.60 amperes @ 100% depth of discharge) @ 20 hr. rate to 1.75VPC. |
| Equalization and Cycle Service Charging Voltage | 14.4 to 14.8 VDC/unit Average at 25°C (77°F). |
| 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 = 1.40 amperes RMS (C/20) to 1.75VPC. |
| Self Discharge | EverExceed High Rate Range batteries may be stored for up to 12 months at 25°C (77°F) 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 Discharging Ratings - Watts Per Cell @ 25°C (77°F) | | | | | | | | | | |
|---|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| End Point Volts/Cell | 5min | 10min | 15min | 20min | 30min | 40min | 45min | 50min | 60min | 90min |
| 1.75 | 156 | 111 | 88.5 | 73.3 | 56.8 | 45.8 | 42.6 | 39.0 | 34.5 | 25.4 |
| 1.70 | 166 | 114 | 92.7 | 75.0 | 57.7 | 46.5 | 43.5 | 40.1 | 34.9 | 25.6 |
| 1.67 | 171 | 115 | 95.8 | 75.6 | 58.2 | 47.2 | 44.3 | 40.8 | 35.5 | 25.8 |

| Constant Current Discharging Ratings - Ampere Per Cell @ 25°C (77°F) | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|
| End Point Volts/Cell | 1hr | 2hr | 3hr | 5hr | 8hr | 10hr | 12hr | 20hr | 24hr | 72hr |
| 1.85 | 16.9 | 9.81 | 7.11 | 4.62 | 3.07 | 2.51 | 2.13 | 1.34 | 1.13 | 0.40 |
| 1.80 | 17.7 | 10.3 | 7.39 | 4.79 | 3.18 | 2.60 | 2.21 | 1.38 | 1.17 | 0.41 |
| 1.75 | 18.2 | 10.5 | 7.55 | 4.89 | 3.23 | 2.64 | 2.24 | 1.40 | 1.19 | 0.42 |

Note: Batteries to be mounted with 0.39 in (1.00 cm) spacing minimum and free air ventilation. Specifications subject to change without notification.

