

SLF-12120



Features

- Flame-retardant polypropylene case and cover compliant with UL 1778 with and Oxygen Limiting index of greater than 28%.
- Gas recombination greater than 99%.
- Operates at a low internal pressure.
- Never needs watering, minimal maintenance.
- 99.7% pure lead calcium grids.
- Shock absorbent thick wall construction.
- Cold forged non-porous terminal bushings, eliminate post leakage.
- Thermally welded case to cover bond, eliminates both acid and electrical leaks.
- Over-sized, through the partition inter-cell welds provide low resistance connections, with minimal power loss.
- Each cell has a low pressure safety release venting system, recognized per U.L. 924.
- Measured high vacuum acid fill, reduces electrical variability between cells.
- Inter-unit busbars and terminal covers
- 100% recyclable materials.

Options

- Custom inter-connecting battery cables.

VALVE REGULATED LEAD ACID BATTERY (V.R.L.A.)

ABSORBED GLASS MAT TECHNOLOGY (A.G.M.)

Series

HIGH-RATE

10 YEAR DESIGN FOR UPS AND STANDBY APPLICATIONS



Specifications

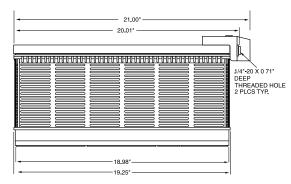
| 6 |
|---------------------------------|
| 12 |
| Copper insert 1/4" |
| 726 amps |
| 4073 amps |
| 3.3 milliohms |
| 84 / 38.2 |
| 1.300 |
| 110 AH (20 hrs) |
| 100 AH (8 hrs) |
| +68°F (+20°C) to |
| +77°F (+25°C) |
| Discharge: -40°F (-40°C) to |
| +140°F (+60°C) |
| Charge: -40°F (-40°C) to |
| +122°F (+50°C) |
| 13.5 to 13.8 @ 77°F (25°C) |
| C/4 amperes at 100% discharge |
| Unlimited at partial discharge. |
| 1.5% peak to peak of float |
| charge voltage |
| 6 months at 77°F (25°C) |
| |

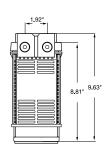
No transport restrictions

- Surface transport. Classified as non-hazardous material as relates to DOT-CFR Title 49 part 171-189.
- Maritime transport. Classified as non-hazardous material as per IMDG amendment 27.
- Air transport. Complies with IATA / ICAO, special provision A67.

| DISCHARGE SPECIFICATIONS | | | | | | | | | | |
|--------------------------------------------------------------------|------|------|------|------|------|------|------|-----|-----|-----|
| Constant power ratings, Watts per battery @ 77°F (25°C) in minutes | | | | | | | | | | |
| Final V.P.C. | 5 | 10 | 15 | 20 | 30 | 40 | 45 | 50 | 60 | 90 |
| 1.60 | 4079 | 3026 | 2335 | 1910 | 1415 | 1136 | 1046 | 957 | 832 | 607 |
| 1.67 | 3941 | 2969 | 2310 | 1892 | 1404 | 1128 | 1040 | 952 | 828 | 606 |
| 1.70 | 3880 | 2947 | 2294 | 1881 | 1400 | 1125 | 1036 | 949 | 827 | 601 |
| 1.75 | 3679 | 2774 | 2210 | 1845 | 1386 | 1115 | 1028 | 941 | 830 | 600 |

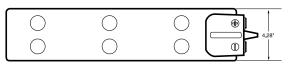






HIGH-RATE

Series



SLF-12120

POWER BATTERY offers an extensive line of pre-wired and fused battery cabinets complete with UL and CUL approval. Standard and custom DC voltages complete with breakers and chargers are available.

| Battery Cabinet Systems (pre-wired with SLF-12120 batteries) | | | | | | | | | | |
|--------------------------------------------------------------|-----------|-----------------------------|----------|-----------|-----------|--|--|--|--|--|
| Battery | Maximum | Dimensions | | | | | | | | |
| cabinet | # of | inches / millimeters Weight | | | | | | | | |
| model | batteries | W | D | Н | bs/kgs | | | | | |
| CZ3 | 24 | 42.0/1067 | 31.5/800 | 50.3/1278 | 4092/1860 | | | | | |
| CZ6 | 32 | 42.0/1067 | 31.5/800 | 61.3/1557 | 5556/2525 | | | | | |
| CZ4 | 40 | 42.0/1067 | 31.5/800 | 72.3/1837 | 6720/3054 | | | | | |

| Modular Stacking System | | | | | | | | | |
|-----------------------------------------------------------|---|----------|----------|----------|----------|--|--|--|--|
| Rack model Qty W D H Ibs / k | | | | | | | | | |
| EZ1 | 8 | 20.3/516 | 23.0/584 | 22.5/572 | 1334/606 | | | | |
| Open front modular stacking system. Can be stacked 4 high | | | | | | | | | |

| Rack selection chart for Front Access Batteries | | | | | | | | | |
|-------------------------------------------------|-----------------------------|---------------------|--|--|--|--|--|--|--|
| Floor Rack | Maximum number of batteries | | | | | | | | |
| Model | SLF-12105/SLF 12120 | SLF-12205/SLF-12250 | | | | | | | |
| RB52 | 10 | 5 | | | | | | | |
| RB52B | 20 | 10 | | | | | | | |
| RB52T | 30 | 15 | | | | | | | |
| RB52-4T | 40 | 20 | | | | | | | |

| Constant current ratings, Amperes @ 77°F (25°C) in hours | | | | | | | | | | | |
|----------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|
| Final V.P.C. | .5 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 24 |
| 1.75 | 116 | 68.7 | 39.8 | 28.9 | 22.7 | 18.7 | 16 | 12.5 | 9.9 | 8.45 | 4.65 |
| 1.80 | 113.8 | 65.5 | 38.5 | 27.8 | 21.7 | 17.9 | 15.3 | 11.6 | 9.56 | 8.17 | 4.49 |
| 1.85 | 107 | 61.2 | 36.6 | 26.4 | 20.8 | 17.1 | 14.7 | 11 | 9.16 | 7.83 | 7.31 |

U.S.A.

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