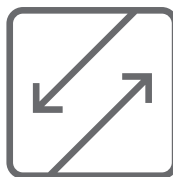


Features

- Advanced BMS monitors and protects from over-charge/discharge, excess current and high/low temperatures while managing the allow to charge/discharge state, balance, and voltage of each individual cell.
- CAN bus protocol for closed-loop communication.
- Seamless integration with Victron GX devices.
- Integrated soft-start function
- Long life span, offering up to 8,000 cycles at 95%depth of discharge.
- Stack up to 16 units in parallel.
- Using a Low Voltage Hub, connect up to 96 batteries for 336kWh.
- Robust 7-year warranty, 10 with unit registration.



UL 1973



Backwards Compatible

Future compatibility is ensured. Upgrade capacity by simply adding a new model to your existing bank.



Standard Rack Sizing

Integral mounting tabs ensure compatibility with standard 19" server racks.

US3000 Technical Parameters

| | |
|-------------------------------------|--|
| Nominal Voltage (vdc) | 48 |
| Discharge Voltage (vdc) | 44.5-53.5 |
| Charge Voltage (vdc) | 52.5-53.5 |
| Nominal Capacity (Wh) | 3552 |
| Depth of Discharge | 95% |
| Usable Capacity (Wh) | 3374 |
| Short Current/Duration | <4000A/2ms |
| Charge/Discharge Current (A) | |
| Recommended | 37 |
| Peak 1 | 74-89@60sec |
| Peak 2 | 90-200@15sec |
| Working Temperature | |
| Charge | 32-122°F |
| Discharge | 14-122°F |
| Shelf Temperature | -4-140°F |
| Communication Port | RS485, CAN |
| Single String Quantity (pcs) | 16 |
| Humidity | 5%-95% |
| Altitude | <13,123' |
| Design Life | 15+Years @ 77°F |
| Cycle Life | >8,000 @ 77°F |
| Dimensions (w/d/h) | 17.4 "x 16.54" x 5.2" |
| Weight | 70.6lb |
| Certification | EC62619/ IEC63056/ IEC62040/ IEC62477-1/UL/CAN/ANSI1973/ UL1642/ UL/CAN/AN9540A/ VDE2510-50/ IEC61000-6-2/ IEC61000-6-3/ UN38.3 |