

## 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 460kWh.
- 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.

### US5000 Technical Parameters

Nominal Voltage (vdc)	48
Discharge Voltage (vdc)	43.5-53.5
Charge Voltage (vdc)	52.5-53.5
Nominal Capacity (Wh)	4800
Depth of Discharge	95%
Usable Capacity (Wh)	4560
Short Current/Duration	<2000A/1ms
<b>Charge/Discharge Current (A)</b>	
Recommended	80
Max. Continuous	100
Peak 1	101~120@15min
Peak 2	121~200@15sec
<b>Working Temperature</b>	
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 6.34"
Weight	87.5lb
Certification	UL1973/ UL9540A/ IEC62619/ IEC63056/ ICE61000-6-2/ UN38.3