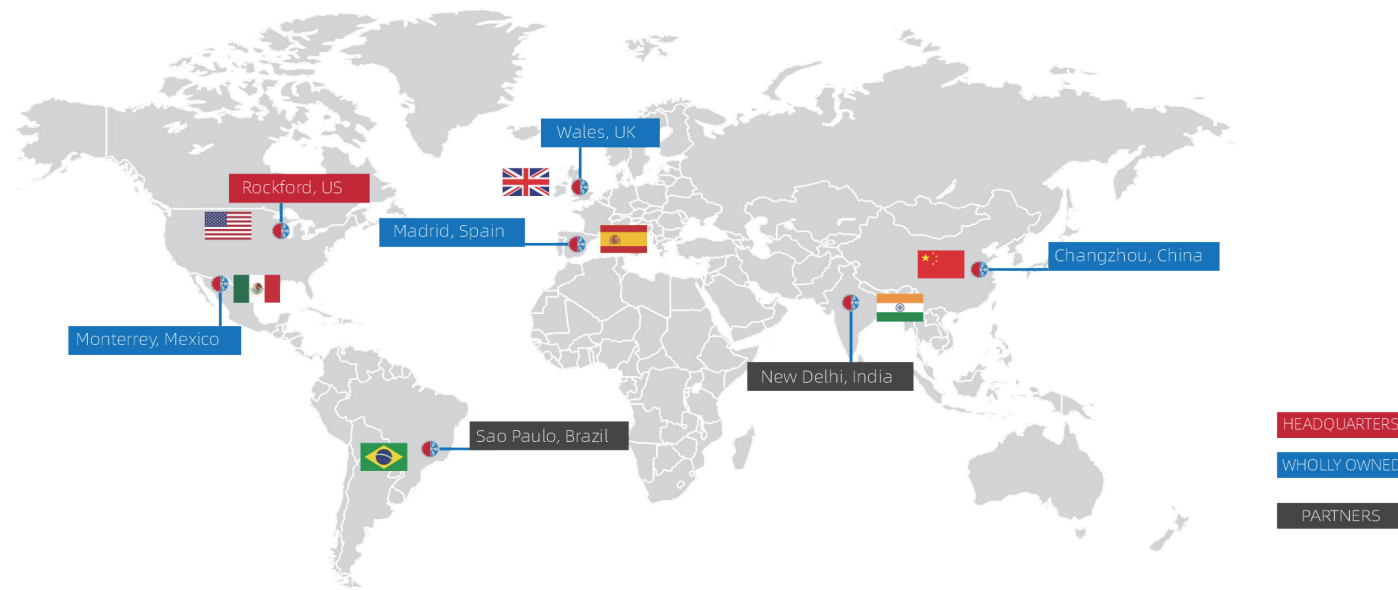


70+ years Bergstrom Inc. started in 1949 with headquarters in Rockford, Illinois, US. With over 70 years of commitment to innovation and quality, we have since grown into one of the world's leading suppliers of thermal management solutions. Benefiting from the engineering, sourcing, test and manufacturing capabilities positioned around the globe, Bergstrom excels at designing and manufacturing both core components and the complete thermal management system. This helps us meet customers needs and earn the trust from the world's top companies.

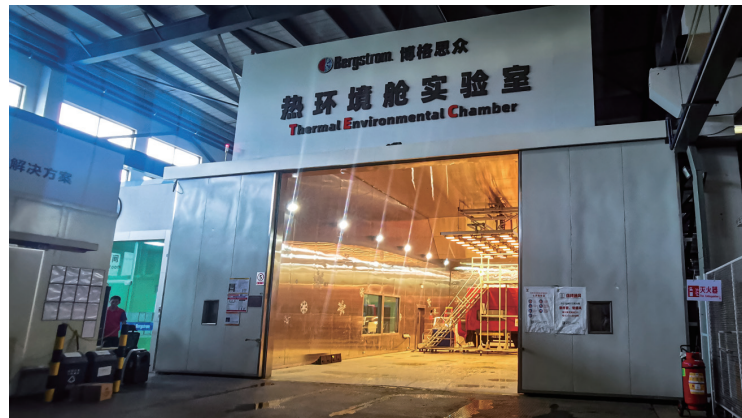
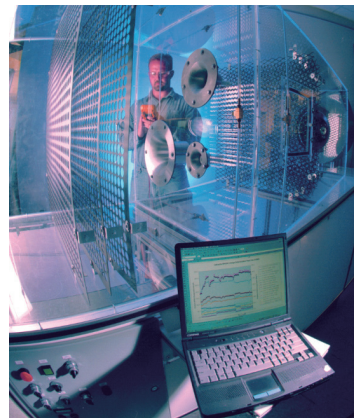


Vertical Integration

We design and manufacture core components in house to industry standards.
Full traceability with world class quality.

Robust Validation

In house state-of-the-art validation facilities and equipment ensure we build our products to meet the stringent requirements of our customers.
Our TEC (Thermal Environmental Chamber) can simulate extreme climate conditions by controlling temperature, humidity, solar loading, and other climate conditions.



OUR VISION



**TECHNOLOGY LEADER
RECOGNIZED FOR
UNPARALLELED
SOLUTIONS IN
THERMAL MANAGEMENT**

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Rockford, IL 61109
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Fax: 815.874.2144
Email: energystoragethermalmanagement@bergstrominc.com



Energy Storage Thermal Management Solutions



Advanced Hardware Drive

DC inverter
Brushless DC motor
CAN, LIN & PWM interfaces, user friendly

Intelligent Control Algorithm

ECO mode embedment
Precise temperature control
Multi-evaporator control system

Service Orientation

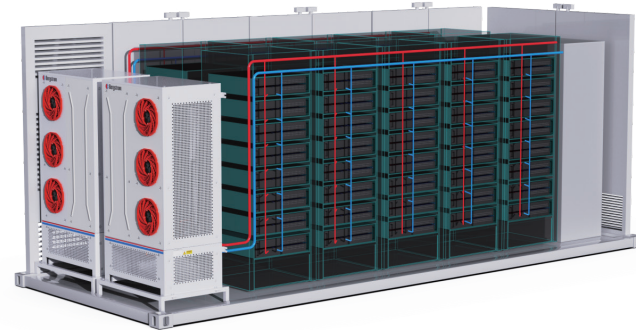
Field data access
Real-time diagnostics
Over-the-air programming
Core components life monitoring

**Custom Engineered Solutions
Driven by Your Timeline**



Bergstrom Energy Storage Thermal Management Solutions

Liquid cooling units



High Efficiency
Blower + coolant pump + variable speed DC compressor

Precise Thermal Management
Precise control of temperature and air flow



Built-in Reliability
Industry grade design, UL certified

Ease of Installation
Integrated system provides ease of installation and service

Air cooling units



Liquid Cooling units

| | | | | | | |
|-----------------------------|-------------------------|----------------------|------------------|----------------------|----------------------|-----------------------------|
| Product Model : | L075JE-H00 | L085D-C00 | L15TD-H00 | L40TD-H00 | L60TD-H00 | L60KE-HW1 |
| Cooling Capacity : | 7.5 KW | 8.0 KW | 15.0 KW | 40.0 KW | 60.0 KW | 60.0 KW |
| Heating Capacity : | 2.0 KW (PTC) | 2.5 KW (PTC) | 8.0 KW (PTC) | 15.0 KW (PTC) | 15.0 KW (PTC) | 24.0 KW (PTC) |
| Coolant : | Glycol Solution | Glycol Solution | Glycol Solution | Glycol Solution | Glycol Solution | Glycol Solution |
| Input Power : | 1 PH / 50-60 Hz / 220 V | 1 PH / 50 Hz / 220 V | 3PH/50 Hz/380V | 3 PH / 50 Hz / 380 V | 3 PH / 50 Hz / 380 V | 3 PH / 50-60 Hz / 400-480 V |
| Communication: | RS485 | RS485 / CAN | RS485 / CAN | RS485 / CAN | RS485 / CAN | RS485 |
| Refrigerant : | R32 | R32 | R32 | R32 | R32 | R32 |
| Refrigerant Charge : | 1.30 Kg | 1.80 Kg | 3.50 Kg | 9.00 Kg | 5.80 Kg | 5.80 Kg |
| Product Weight : | 148 Kg / 326 lbs | 130 Kg / 287 lbs | 200 Kg / 440 lbs | 250 Kg / 551 lbs | 400 Kg / 882 lbs | 460 Kg / 1016 lbs |
| Product Dimension: | 1240*300*1412 mm | 1150*265*1040 mm | 980*630*1870 mm | 980*630*1870 mm | 1200*630*2400 mm | 1200*440*2400 mm |

Air Cooling units

| | | | | | |
|------------------------------------|-------------------------|----------------------------|--------------------|----------------------|-----------------------------|
| Product Model : | A006JE-AWA | A02JE-AW0 | A05JD-HW0 | A05JA-HW0 | A25TD-H00 |
| Cooling Capacity : | 600 W | 2.00 KW | 5.00 KW | 5.00 KW | 25.00 KW |
| Heating Capacity : | - | - | 5.00 KW | 5.00 KW | - |
| Electric Heating Capacity : | 500 W (PTC) | 800 W (PTC) | 1.50 KW (PTC) | 1.50 KW (PTC) | 9.00 KW |
| Input Power : | 1 PH / 50-60 Hz / 230 V | 1PH / 50-60 Hz / 220-240 V | 1PH / 50Hz / 220 V | 1 PH / 50 Hz / 110 V | 3 PH / 50 Hz / 400 V |
| Communication: | RS485 | RS485 | RS485 & Modbus | RS485 & Modbus | Modbus, TCP/IP, BACnet, CAN |
| Refrigerant : | R513A | R513A | R32 | R32 | R32 |
| Refrigerant Charge : | 210 g | 520 g | 820 g | 820 g | 4.00 Kg |
| Product Weight : | 23 Kg / 51 lbs | 43 Kg / 95 lbs | 34.5 Kg / 76 lbs | 34.5 Kg / 76 lbs | 385 Kg / 849 lbs |
| Product Dimension : | 583*352*170 mm | 783*483*250 mm | 1057*666*356 mm | 1057*666*356 mm | 800*900*2050 mm |

