



Calor **XHT-FT**

Xtreme High Temperature

12V Front Terminal VRLA-AGM



Up to 2000WPC



Up to 500kW Power
Discharge Capability
(480Vdc String)



Pure Lead VRLA
Construction +
Proprietary Additives



Introducing the world's first high temperature combined with purpose-built extreme power density battery for short duration, mission critical UPS

More than just a high-performance battery, XHT stands alone as problem-solver to help data center operators meet sustainability goals with reduced cooling costs, extend battery replacement life, and perform at extreme power discharge requirements. XHT can deliver maximum possible power within 30 seconds to ensure connectivity remains intact in extreme high temperature environments.

Our innovative In-Case Formation (ICF) process combined with proprietary catalyst introduction and PC-ABS plastics, XHT enhances charging efficiency and provides consistent battery capacity over the life of the battery at elevated temperatures. XHT also has an optional front and top terminal connection design for ease of installation and maintenance. With an industry-leading warranty to provide peace of mind, using XHT from CSB is the trusted battery provider for all power needs in all environments.



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XHT batteries are purpose-built to meet the highest power application requirements when losing connectivity isn't an option

Integrated Conductive Design

Expanded conductive area shortens the conductive path, reduces impedance, and improves heat dissipation

High-Purity Carbon Additives Exclusive blend of highly pure carbon additives incorporated on the paste formula to achieve instantaneous large power output, improve charging acceptance, and extend service life

In-Case Formation (ICF)

Eco-Friendly battery formation process reduces energy requirements and carbon footprint, enhances charging efficiency, and provides consistent battery capacity

Front Terminal Design

Front Access or Top Access available for ease of installation and maintenance

Precision-Welded Strap Design

Calor XHT features a uniquely engineered strap connection that ensures consistent conductivity and structural integrity. This design minimizes internal resistance and enhances electrical reliability for demanding, high-performance applications.

Hybrid Insulation Separator

Separator's unique material composition provides excellent mechanical strength, while allowing for maximized porosity and electrolyte diffusion to generate high discharge power

		XHT7000FT	XHT8000FT	XHT9000FT
Nominal Vdc		12	12	12
Constant Power Watts Per Cell (1.67Vpc @ 25°C)	30-Sec	1766	1831.17	2069.83
	5-Min	1144.17	1287.17	1403.33
	15-Min	642.50	821.50	907.67
Max. Charge Current (A)		58.30	66.70	75.00
Max. Discharge Current (A)		1550	1660	1900
Dimensions (in.)	L	21.97	21.97	21.97
	W	4.96	4.96	4.96
	H	10.11	12.79	12.79
Weight (lbs.)		112.21	146.82	156.74