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

Front or Top Terminal Configuration

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

More than just a high-performance battery, XHT stands alone as the 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 power within 30 seconds to ensure connectivity stays intact in extreme elevated 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 available service life 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, XHT from CSB is the trusted battery provider for all mission critical power needs in all environments.

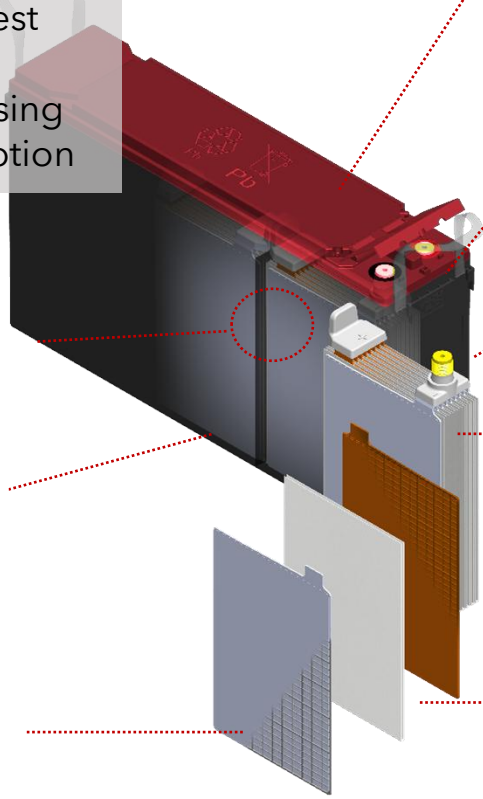
11F, No. 150, Sec. 4, Chengde Rd., Shilin Dist., Taipei City 111052, Taiwan (R.O.C.)
Tel: +886-2-2880-5600 Mail: service@csb-battery.com.tw

Calor XHT-FT

Xtreme High Temperature

12V Front Terminal VRLA-AGM

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



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.

Catalist 2X Technology
Exclusive catalist insert improves charge efficiency, prevents thermal runaway, and extends service life in high-temperature environments.

Integrated Conductive Design
Expanded conductive area shortens the conductive path, reduces impedance, and improves heat dissipation.

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.

PC-ABS Plastic Casing
High-strength, flame-retardant casing provides stability and protection in extreme conditions.

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.

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.

		XHT7000FT	XHT8000FT	XHT9000FT
Nominal Vdc		12	12	12
Constant Power	**30-Sec**	1766.00	1831.17	2069.83
Watts Per Cell	**5-Min**	1144.17	1287.17	1403.33
(1.67Vpc @ 25°C)	**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	**L**	558.0 / 21.97	558.0 / 21.97	558.0 / 21.97
(mm / in.)	**W**	126.0 / 4.96	126.0 / 4.96	126.0 / 4.96
	H	257.0 / 10.11	325.0 / 12.79	325.0 / 12.79
Weight (kg / lb)		50.9 / 112.21	66.6 / 146.82	71.1 / 156.74

11F, No. 150, Sec. 4, Chengde Rd., Shilin Dist., Taipei City 111052, Taiwan (R.O.C.)
Tel: +886-2-2880-5600 Mail: service@csb-battery.com.tw