

HF Single Phase Chargers

Conventional, Opportunity and Fast Charging

*Unmatched efficiency and safety
for your battery fleet!*



BENEFITS



**Bluetooth
Compatible.**



**Seamless battery charger
Can Bus communication.**



**Ensures cool charging
at high rates.**



**Quick charge status
with graphic icons.**



**Compact, lightweight
modular design.**



**Empowering Industries
for 50 Years**



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Charging Technologies Inc™

4328 Bridgeton Industrial Drive

Bridgeton, Missouri 63044

HF-SINGLE-PHASE-0112024



HF Single Phase Chargers



LATEST TECHNOLOGY

With our cutting-edge High-Frequency Battery Chargers, we bring 50 years of expertise to the logistics, grocery, and retail industries. CTI's commitment to quality, durability, and cost-effectiveness sets us apart, making us the ideal choice for all your charging needs.

- ✓ **Efficiency:** Our chargers allow you to charge multiple batteries, streamlining workflows and reducing infrastructure costs in industrial settings.
- ✓ **Space-saving:** Compact cabinet that is wall/shelf/stand mountable, saving valuable floor space and simplifying operations in warehouses and facilities.
- ✓ **Flexibility:** Customize charging parameters for various batteries, ensuring versatility for different applications.
- ✓ **Monitoring and Control:** Ensure safety with features like individual status indicators, overcharge protection, and automatic shutoff.
- ✓ **Scalability:** Tailor your setup with scalable configurations, add modules as power demand increases.
- ✓ **Improved Battery Management:** Streamline organization and readiness with centralized charging.
- ✓ **Compatibility and Adaptability:** Our chargers work with diverse battery types, including Lead Acid, Gel, AGM, and Lithium-Ion.



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- ✓ **Power factor 99%.**
- ✓ **Power efficiency 90%.**

CHARGER COMMUNICATION

- Clear view LCD display with soft touch keypad
- Mobile Device, Bluetooth connectivity with downloadable app
- Graphic Icon Display shows charge status at a glance
- 32+ pre-loaded charger algorithms including Lithium
- Wireless communication to battery with battery module "TOBi"
- Programmable Start/Stop and Time of Day
- Peak hour blocking for energy savings
- Programmable Equalize by cycle count or day of the week
- Remote equalize and remote stop available on all models

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**CHARGING
TECHNOLOGIES, INC.**

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SELECTOR GUIDE



Model Number	DC Volts	DC Amps	AC Amps			Case	16 Hour Charge Battery AH Range	8 Hour Charge Battery AH Range
			120	208	240			
24-1C-Z1	24	50	12.5	7.2	6.3	905	750	312
24-2C-Z1	24	100	25.0	14.4	12.5	905	1500	625
24-3C-Y1	24	150	✕	21.6	18.8	900	2250	937
24-4C-D1	24	200	✕	✕	25.0	900	3000	1248
48-1C-Z1	36/48	33/25	12.5	7.2	6.3	905	500/375	210/160
48-2C-Z1	36/48	66/50	25.0	14.4	12.5	905	1000/750	420/320
48-3C-Y1	36/48	99/75	✕	21.6	18.8	900	1500/1125	630/480
48-4C-D1	36/48	132/100	✕	✕	25.0	900	2000/1500	840/640

Z - AVC Range is 120-240VAC 50/60 Hz

Y - AVC Range is 208-240VAC 50/60 Hz

D - AVC Range is 240VAC 50/60 Hz

905 Cabinet available with 1-2 module chargers

900 Cabinet available with 3-4 module chargers

AC Cord and Plug Net adder

038-132	120v, 15a, 10Ft.
038-133	120v, 30a, 10Ft.
038-218	240v, 30a, 10Ft.
038-308	240v, 15a, 10Ft.



- Option: Dual Cable/Connectors 175 & 350 Grey #038-199



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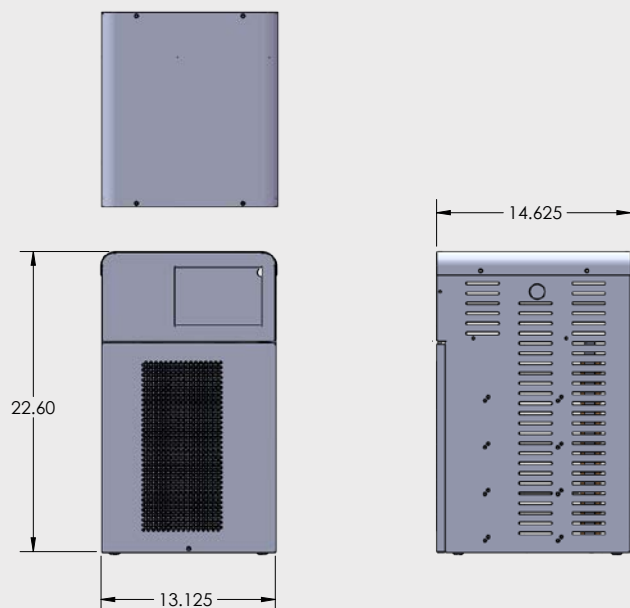
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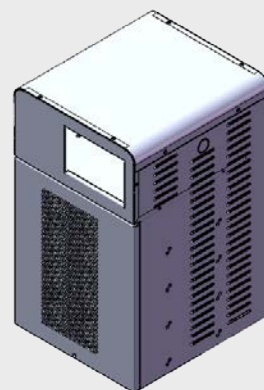


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SELECTOR GUIDE

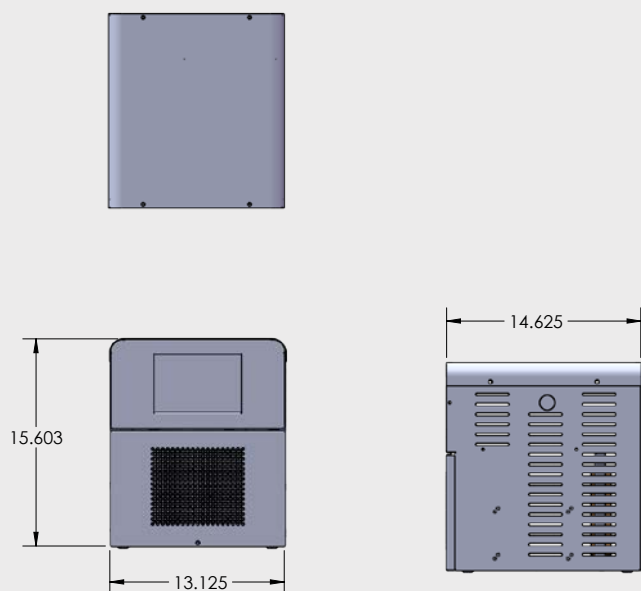


CASE 900

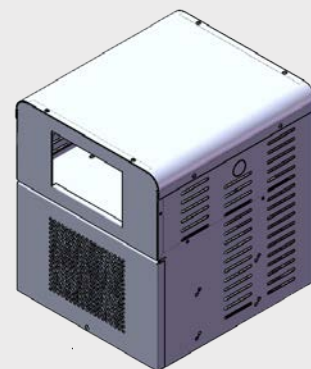


CASE DIMENSIONS FOR 900

CASE	HEIGHT		WIDTH		DEPTH	
	IN	CM	IN	CM	IN	CM
900	22.6	57.4	13.13	33.34	14.63	37.15



CASE 905



CASE DIMENSIONS FOR 905

CASE	HEIGHT		WIDTH		DEPTH	
	IN	CM	IN	CM	IN	CM
905 Z	15.6	39.64	13.13	33.34	14.63	37.15



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CHARGER FLOOR STAND WITH CABLE MANAGEMENT

- Heavy duty construction
- Mounting holes for Ferro 501, 551 & 701 (HF) charger cabinets
- Cable management mounting hole (POGO)
- Floor anchor holes
- Safety Yellow
- Shelf size 27 3/4" wide x 26" deep
- Ships KD for field assembly
- Charger Stand Pt # 038-424 Shelf Width 27 3/4" x Depth 26" x Height 28"
- Pogo Pt #019-353

CHARGER POLE STAND WITH CABLE MANAGEMENT

- Heavy duty construction
- Rated to hold #500
- Cable management mounting hole (POGO)
- Floor anchor holes
- Ships KD for field assembly
- #038-498 Holds 1-2 chargers
- #038-499 Holds 1-4 chargers



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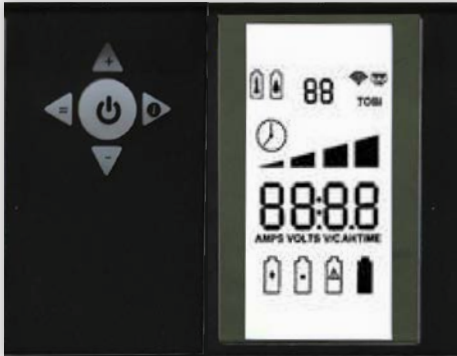
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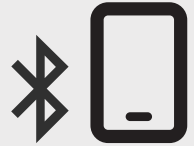
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SELECTOR GUIDE



CHARGER COMMUNICATION

- P46-305 Control
- Wireless
- Communication from charger to computer.



BATTERY COMMUNICATION

- TOBi PI BLuE
- Communication between battery and charger and battery and computer.



For a Future of Efficient Charging, Contact Us Today!

Experience the Xtreme difference—powering your fleet, empowering your business!



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