

EX Series Chargers

Revolutionary High-Efficiency Charging Solutions

*No charger is safer for your
battery fleet.*



BENEFITS



**Trustworthy ferroresonant
technology.**



**Lowest cost
of ownership.**



**"Smart" Charge Control
with Icon & digital display.**



**Failsafe charge for
your battery.**



Fully automatic.



**Empowering Industries
for 50 Years**



Phone: 314-739-1414
Fax: 314-739-1277
E-mail: Sales@chargingti.com
chargingti.com

Charging Technologies Inc™
4328 Bridgeton Industrial Drive
Bridgeton, Missouri 63044

EX-SERIES-SPEC-12112023


**CHARGING
TECHNOLOGIES, INC.**

EX Series Chargers



LATEST TECHNOLOGY

Although ferroresonant technology has been around for many years, improvements are constantly being made and today, our charger boasts a high efficiency, 87% and power factor > 90% close to that of other manufacturers high frequency chargers. Sophisticated charge control monitors the battery throughout charge and delivers a safe, complete charge to keep your fleet healthy and running!

- ✓ **Cutting-Edge Efficiency:** Reach an exceptional peak power conversion efficiency of 87% and a power factor exceeding 90%, rivaling high-frequency chargers from other manufacturers.
- ✓ **Battery Health Monitoring:** Employs sophisticated charge control technology to continuously monitor battery health throughout the charging process, ensuring the longevity and reliability of your fleet.
- ✓ **Seamless Communication:** Establish constant communication between your battery and charger, guaranteeing a perfect charge every time and minimizing the risk of overcharging or undercharging.
- ✓ **Intuitive Graphic Icon Display:** Easily identify charge status and battery readiness with a user-friendly graphic icon display, streamlining your fleet management.
- ✓ **Safety First:** Underwriters Laboratories (UL) listed, our chargers provide failsafe charging for your battery fleet, minimizing potential risks.
- ✓ **Versatile AC Voltage Options:** Available in all AC voltage configurations, both single and three-phase, to cater to your specific charging needs.



**Empowering Industries
for 50 Years**



- ✓ **Robust failsafe design.**
- ✓ **Stackable.**
- ✓ **Over 10 Years of Reliable Performance.**

INTELENT CHARGING

- Constant communication between battery and charger for perfect charge every time.
- Graphic Icon display allows quick identification of charge status and "ready" battery.
- Underwriters Laboratories UL and ULc listed.

Phone: 314-739-1414

Fax: 314-739-1277

E-mail: Sales@chargingti.com

chargingti.com

Charging Technologies Inc™

4328 Bridgeton Industrial Drive
Bridgeton, Missouri 63044

EX-SERIES-SPEC-12112023


**CHARGING
TECHNOLOGIES, INC.**

EX Series Chargers



SELECTOR GUIDE - 1PH

Model	Cells	Amp hr. Rating	Range	DC Amp Output	AC Input Amps					Case	Weight
					120	208	240	480	600		
EXS6-265*	6	265	176-265	45	6.6	3.8	3.3	1.7	1.3	500	65
EXS6-380*	6	380	266-380	65	9.6	5.5	4.8	2.4	1.9	500	65
EXS6-440*	6	440	381-440	75	11.0	6.4	5.5	2.8	2.2	500	80
EXS6-500*	6	500	441-500	85	12.5	7.2	6.2	3.1	2.5	500	85
EXS6-595*	6	595	501-595	102	15.0	8.7	7.5	3.7	3.0	500	95
EXS6-680*	6	680	596-680	116	17.1	9.8	8.5	4.3	3.4	500	95
EXS6-760*	6	760	681-760	130	19.1	11.0	9.6	4.8	3.8	500	120
EXS6-850*	6	850	761-850	145	21.3	12.3	10.7	5.3	4.3	500	125
EXS12-265*	12	265	176-265	45	13.2	7.6	6.6	3.3	2.6	500	85
EXS12-380*	12	380	266-380	65	19.1	11.0	9.6	4.8	3.8	500	120
EXS12-440*	12	440	381-440	75	22.1	12.7	11.0	5.5	4.4	500	120
EXS12-500*	12	500	441-500	85	25.0	14.4	12.5	6.2	5.0	500	125
EXS12-595*	12	595	501-595	102	✗	17.3	15.0	7.5	6.0	500	140
EXS12-680*	12	680	596-680	116	✗	19.7	17.1	8.5	6.8	500	140
EXS12-760*	12	760	681-760	130	✗	22.1	19.1	9.6	7.6	501	210
EXS12-850*	12	850	761-850	145	✗	24.6	21.3	10.7	8.5	501	210
EXS12-935*	12	935	851-935	160	✗	27.1	23.5	11.8	9.4	501	225
EXS12-1025*	12	1025	936-1026	175	✗	29.7	25.7	12.9	10.3	501	225
EXS18-265*	18	265	176-265	45	19.8	11.4	9.9	5.0	4.0	500	120
EXS18-380*	18	380	266-380	65	✗	16.5	14.3	7.2	5.7	500	140
EXS18-440*	18	440	381-440	75	✗	19.1	16.5	8.3	6.6	500	140
EXS18-500*	18	500	441-500	85	✗	21.6	18.7	9.4	7.5	501	210
EXS18-595*	18	595	501-595	102	✗	26.0	22.5	11.2	9.0	501	225
EXS18-680*	18	680	596-680	116	✗	29.5	25.6	12.8	10.2	501	225
EXS18-760*	18	760	681-760	130	✗	33.1	28.7	14.3	11.5	501	240
EXS18-850*	18	850	761-850	145	✗	36.9	32.0	16.0	12.8	501	240
EXS18-935*	18	935	851-935	160	✗	40.7	35.3	17.6	14.1	501	240
EXS18-1025*	18	1025	936-1026	175	✗	44.5	38.6	19.3	15.4	501	265
EXS18-1200*	18	1200	1027-1200	221	✗	✗	45.0	24.5	19.6	501	284

*Requires 60Hz Voltage Code
A= 120/208/240
B= 208/240/480

K= 480/575
AG= 600
Consult factory for 50 hz voltage codes



Control can be upgraded to the 305 with Bluetooth Capabilities

Phone: 314-739-1414
Fax: 314-739-1277
E-mail: Sales@chargingti.com
chargingti.com

Charging Technologies Inc™
4328 Bridgeton Industrial Drive
Bridgeton, Missouri 63044

EX-SERIES-SPEC-12112023



EX Series Chargers



SELECTOR GUIDE - 1PH

Model	Cells	Amp hr. Rating	Range	DC Amp Output	AC Input Amps					Case	Weight
					120	208	240	480	600		
EXS24-265*	24	265	176-265	45	✗	15.3	13.2	6.6	5.3	500	125
EXS24-380*	24	380	266-380	65	✗	22.1	19.1	9.6	7.6	501	210
EXS24-440*	24	440	381-440	75	✗	25.4	22.1	11.0	8.8	501	225
EXS24-500*	24	500	441-500	85	✗	28.8	25.0	12.5	10.0	501	225
EXS24-595*	24	595	501-595	102	✗	34.6	30.0	15.0	12.0	501	240
EXS24-680*	24	680	596-680	116	✗	39.4	34.1	17.1	13.6	501	240
EXS24-760*	24	760	681-760	130	✗	44.1	38.2	19.1	15.3	501	265
EXS24-850*	24	850	761-850	145	✗	✗	42.6	21.3	17.1	501	284
EXS24-935*	24	935	851-935	160	✗	✗	47.0	23.5	18.8	501	320
EXS24-1025*	24	1025	936-1026	175	✗	✗	✗	25.7	20.6	501	406
EXS40-265*	40	265	176-265	45	✗	25.4	22.1	11.0	8.8	501	225
EXS40-380*	40	380	266-380	65	✗	40.4	35.0	17.5	14.0	501	240
EXS40-440*	40	440	381-440	75	✗	42.4	36.8	18.4	14.7	501	265
EXS40-500*	40	500	441-500	85	✗	48.1	41.7	20.8	16.7	501	320
EXS40-595*	40	595	501-595	102	✗	✗	✗	25.0	20.0	501	320
EXS40-680*	40	680	596-680	116	✗	✗	✗	28.4	22.7	501	406
EXS40-760*	40	760	681-760	130	✗	✗	✗	31.9	25.5	501	410

*Requires 60Hz Voltage Code

A= 120/208/240

B= 208/240/480

K= 480/575

AG= 600

Consult factory for 50 hz voltage codes



**Empowering Industries
for 50 Years**



**Control can be upgraded to the
305 with Bluetooth Capabilities**

Phone: 314-739-1414

Fax: 314-739-1277

E-mail: Sales@chargingti.com

chargingti.com

Charging Technologies Inc™

4328 Bridgeton Industrial Drive

Bridgeton, Missouri 63044

EX-SERIES-SPEC-12112023



EX Series Chargers



SELECTOR GUIDE - 3PH

Model	Cells	Amp hr. Rating	Range	DC Amp Output	AC Input Amps				Case	Weight
					208	240	480	600		
EXT6-265*	6	265	176-265	45	2.2	1.9	1.0	0.8	501	170
EXT6-380*	6	380	266-380	65	3.2	2.8	1.4	1.1	501	170
EXT6-440*	6	440	381-440	75	3.7	3.2	1.6	1.3	501	170
EXT6-500*	6	500	441-500	85	4.2	3.6	1.8	1.4	501	170
EXT6-595*	6	595	501-595	102	5.0	4.3	2.2	1.7	501	195
EXT6-680*	6	680	596-680	116	5.7	4.9	2.5	2.0	501	195
EXT6-760*	6	760	681-760	130	6.4	5.5	2.8	2.2	501	195
EXT6-850*	6	850	761-850	145	7.1	6.2	3.1	2.5	501	207
EXT12-265*	12	265	176-265	45	4.4	3.8	1.9	1.5	501	170
EXT12-380*	12	380	266-380	65	6.4	5.5	2.8	2.2	501	170
EXT12-440*	12	440	381-440	75	7.4	6.4	3.2	2.5	501	195
EXT12-500*	12	500	441-500	85	8.5	7.4	3.7	2.9	501	195
EXT12-595*	12	595	501-595	102	10.0	8.7	4.3	3.5	501	207
EXT12-680*	12	680	596-680	116	11.4	9.9	4.9	3.9	501	215
EXT12-760*	12	760	681-760	130	12.7	11.0	5.5	4.4	501	220
EXT12-850*	12	850	761-850	145	14.2	12.3	6.2	4.9	501	250
EXT12-935*	12	935	851-935	160	15.6	13.5	6.8	5.4	501	250
EXT12-1025*	12	1025	936-1026	175	17.2	14.9	7.4	5.9	501	250
EXT18-265*	18	265	176-265	45	6.6	5.7	2.9	2.3	501	195
EXT18-380*	18	380	266-380	65	9.6	8.3	4.1	3.3	501	207
EXT18-440*	18	440	381-440	75	11.0	9.6	4.8	3.8	501	220
EXT18-500*	18	500	441-500	85	12.5	10.8	5.4	4.3	501	220
EXT18-595*	18	595	501-595	102	15.0	13.0	6.5	5.2	501	250
EXT18-680*	18	680	596-680	116	17.0	14.8	7.4	5.9	501	250
EXT18-760*	18	760	681-760	130	19.1	16.6	8.3	6.6	501	265
EXT18-850*	18	850	761-850	145	21.3	18.5	9.2	7.4	501	265
EXT18-935*	18	935	851-935	160	23.5	20.4	10.2	8.2	501	290
EXT18-1025*	18	1025	936-1026	175	25.7	22.3	11.2	8.9	501	290
EXT18-1200*	18	1200	1027-1200	221	30.0	26.0	13.0	10.4	501	320

*Requires 60Hz Voltage Code
A= 120/208/240
B= 208/240/480

K= 480/575
AG= 600
Consult factory for 50 hz voltage codes



Control can be upgraded to the 305 with Bluetooth Capabilities

EX Series Chargers

SELECTOR GUIDE - 3PH



Model	Cells	Amp hr. Rating	Range	DC Amp Output	AC Input Amps				Case	Weight
					208	240	480	600		
EXT24-265*	24	265	176-265	45	8.8	7.7	3.8	3.1	501	195
EXT24-380*	24	380	266-380	65	12.7	11.0	5.5	4.4	501	220
EXT24-440*	24	440	381-440	75	14.7	12.7	6.4	5.1	501	235
EXT24-500*	24	500	441-500	85	16.7	14.4	7.2	5.8	501	250
EXT24-595*	24	595	501-595	102	20.0	17.3	8.7	6.9	501	265
EXT24-680*	24	680	596-680	116	22.7	19.7	9.9	7.9	501	290
EXT24-760*	24	760	681-760	130	25.5	22.1	11.0	8.8	501	290
EXT24-850*	24	850	761-850	145	28.4	24.6	12.3	9.9	501	320
EXT24-935*	24	935	851-935	160	31.4	27.2	13.6	10.9	501	320
EXT24-1025*	24	1025	936-1026	175	34.3	29.7	14.9	11.9	501	320
EXT24-1200*	24	1200	1027-1200	221	40.0	34.7	17.3	15.0	502	450
EXT40-265*	40	265	176-265	45	14.7	12.7	6.4	5.1	501	265
EXT40-380*	40	380	266-380	65	21.2	18.4	9.2	7.4	501	290
EXT40-440*	40	440	381-440	75	24.5	21.2	10.6	8.5	501	320
EXT40-500*	40	500	441-500	85	27.8	24.1	12.0	9.6	501	320
EXT40-595*	40	595	501-595	102	33.3	28.9	14.4	11.6	502	450
EXT40-680*	40	680	596-680	116	37.9	32.9	16.4	13.1	502	450
EXT40-760*	40	760	681-760	130	42.5	36.8	18.4	14.7	502	515
EXT40-850*	40	850	761-850	145	47.4	41.1	20.5	16.4	502	515

*Requires 60Hz Voltage Code

A= 120/208/240

B= 208/240/480

K= 480/575

AG= 600

Consult factory for 50 hz voltage codes



**Empowering Industries
for 50 Years**



**Control can be upgraded to the
305 with Bluetooth Capabilities**

Phone: 314-739-1414

Fax: 314-739-1277

E-mail: Sales@chargingti.com

chargingti.com

Charging Technologies Inc™

4328 Bridgeton Industrial Drive

Bridgeton, Missouri 63044

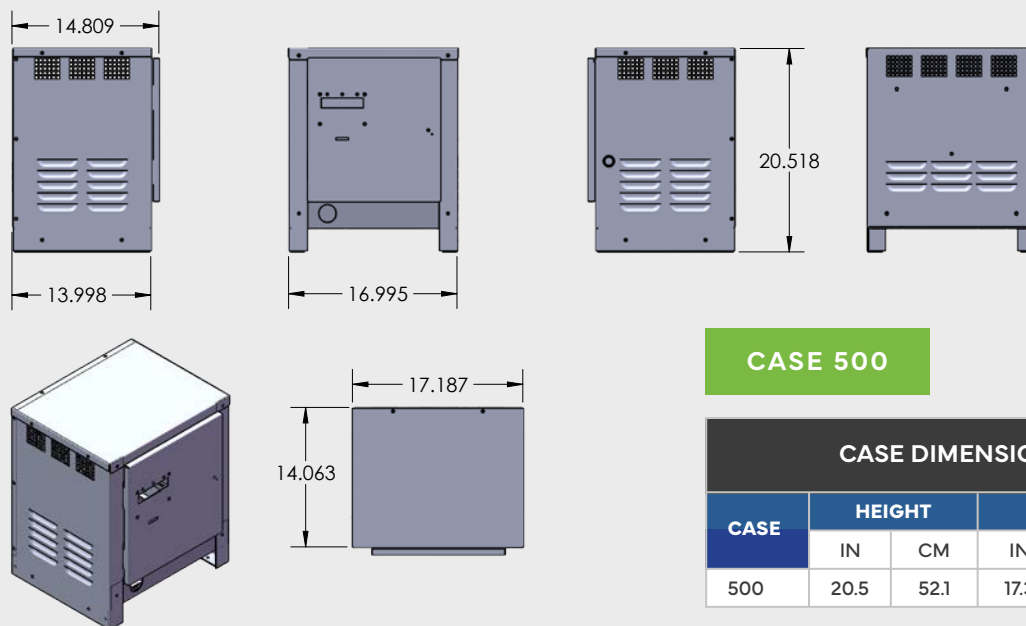
EX-SERIES-SPEC-12112023



EX Series Chargers



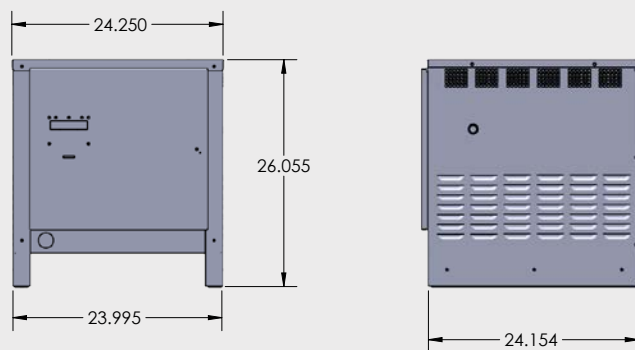
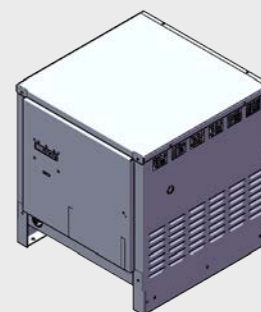
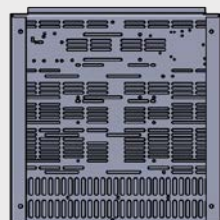
SELECTOR GUIDE



CASE 500

CASE DIMENSIONS FOR 500

CASE	HEIGHT		WIDTH		DEPTH	
	IN	CM	IN	CM	IN	CM
500	20.5	52.1	17.3	44.0	14.8	37.6



CASE 501

CASE DIMENSIONS FOR 905

CASE	HEIGHT		WIDTH		DEPTH	
	IN	CM	IN	CM	IN	CM
501	26.1	66.3	24.3	61.7	24.9	63.3



**Empowering Industries
for 50 Years**

Phone: 314-739-1414
Fax: 314-739-1277
E-mail: Sales@chargingti.com
chargingti.com

Charging Technologies Inc™
 4328 Bridgeton Industrial Drive
 Bridgeton, Missouri 63044

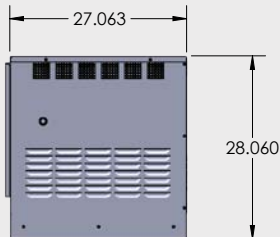
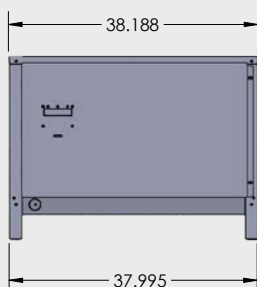
EX-SERIES-SPEC-12112023



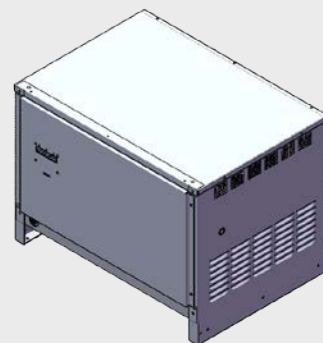
EX Series Chargers



SELECTOR GUIDE



CASE 502



CASE DIMENSIONS FOR 500

CASE	HEIGHT		WIDTH		DEPTH	
	IN	CM	IN	CM	IN	CM
502	28.1	71.4	38.3	97.3	28.4	72.1



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 27³/₄" wide x 26" deep
- Ships KD for field assembly
- Charger Stand Pt # 038-424 Shelf Width 27³/₄" x Depth 26" x Height 28"
- Pogo Pt #019-353



**Empowering Industries
for 50 Years**

314-739-1414 Sales@chargingti.com

Phone: 314-739-1414
Fax: 314-739-1277
E-mail: Sales@chargingti.com
chargingti.com

Charging Technologies Inc™
 4328 Bridgeton Industrial Drive
 Bridgeton, Missouri 63044

EX-SERIES-SPEC-12112023

