

EV CHARGING
STATION

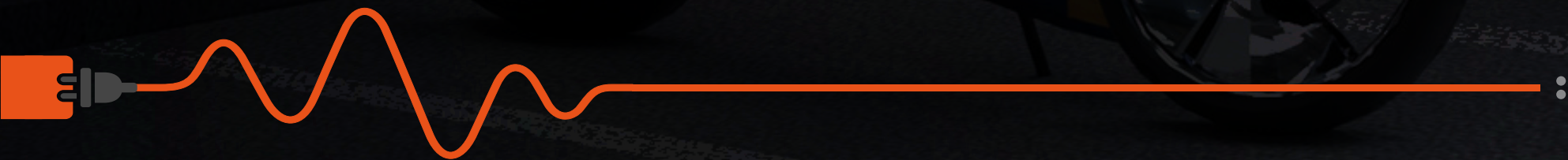


SOLTERRATM
EV CHARGERS

FAST

EFFICIENT

FUTURE



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Master 23/01/2025 Version 1.1

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Applications

E-mobility



Aquatic Power Supply



Electric Specialty Vehicles



Mobile Elevated Platforms



Floor Care



Golf Cars



Mobile Robots & AGV



Material handling



Outdoor Power supply



ATV&UTV



Leisure & Entertainment



Who We Are

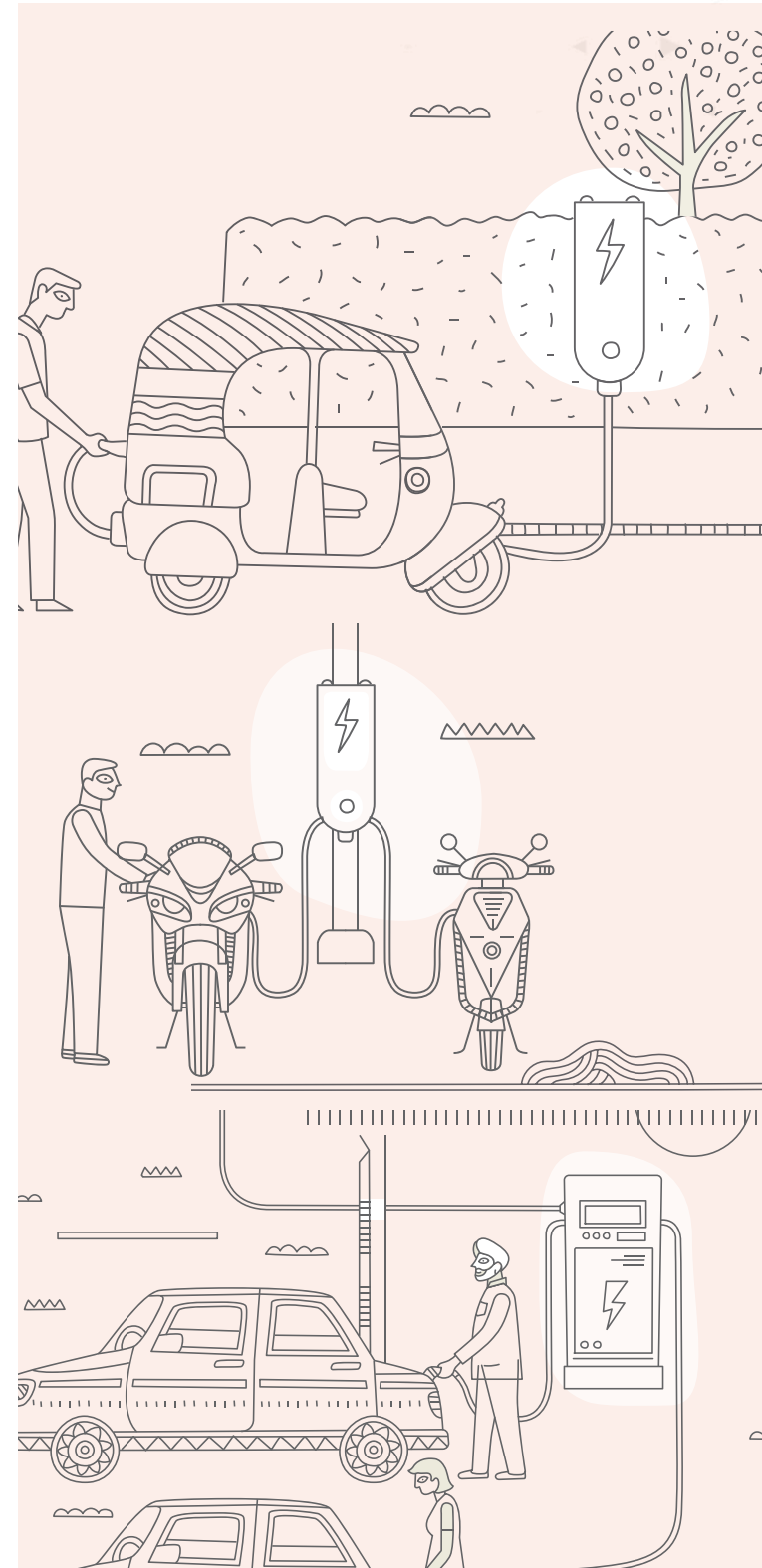
We are seasoned experts and trailblazers in the EVSE and EV industry, with a combined experience of over 80 years across Hardware, Mechanical, Software, and Systems domains. Our mission is to lead the charge in redefining energy conversion. Our vision is a future where we deliver seamless, end-to-end solutions from energy generation to storage. While we begin our journey with the EV and Mobility sectors, our ambition knows no bounds. This is just the start of a transformative path toward a sustainable and empowered tomorrow.

What We do

We deliver comprehensive end-to-end solutions for Power & Energy Systems and EV charging requirements. Backed by a team of deep-tech experts, we support you throughout the entire product development process. Our focus is on pioneering a new generation of DC fast chargers and innovative EV charging solutions, addressing the most critical challenges in EV adoption. Together, we aim to accelerate the transition to sustainable energy and usher in a future beyond fossil fuels.

Our Strengths

We specialize in the development and production of EV chargers for passenger and commercial vehicles, including two-wheelers, three-wheelers, and four-wheelers. Our comprehensive solutions cater to private vehicle owners, fleet operators, battery OEMs, automotive OEMs, and charging network operators. With expertise in deep-tech design, strategic consultancy, contract manufacturing, global sourcing, and OCPP software solutions, we deliver unmatched value to our clients. Trusted by leading players across industries, we provide cutting-edge technology and innovative solutions tailored to meet the unique demands of each market segment.



Charger Models A

STTL 300W A



Electrical:
Rated AC Input Voltage Range: 200VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 2A@220VAC

Mechanical:
Dimensions: 184*115*62 mm
Weight: 1.0kg (2.2lb)

Functions:
Non-CAN; Aux Contact

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
300A1212A	12V	12V ~ 17V	12A
300A2410A	24V	24V ~ 34V	10A
300A3608A	36V	30V ~ 44V	8A
300A4806A	48V	48V ~ 67V	6A



STTL 336W A



Electrical:
Rated AC Input Voltage Range: 200VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 2A@220VAC

Mechanical:
Dimensions: 169*101*55 mm
Weight: 1kg (2.2lb)

Functions:
CANbus; Auxiliary Power

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
336A3608L	36V	28V ~ 44V	8A
336A4806L	48V	39V ~ 60V	6A
336A6005L	60V	48V ~ 73V	5A
336A7204L	72V	60V ~ 88V	4A



STTL 480W A



Electrical:
Rated AC Input Voltage Range: 200VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 3A@220VAC

Mechanical:
Dimensions: 181*101*59 mm
Weight: 1.2kg (2.6lb)

Functions:
CANbus; SIF Protocol; Auxiliary Power
Voltage Pulse Activation

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
500A4810L	48V	39V ~ 60V	10A
500A6008L	60V	48V ~ 73V	8A
500A7206L	72V	60V ~ 88V	6A



STTL 750W A



Electrical:
Rated AC Input Voltage Range: 200VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 5A@220VAC

Mechanical:
Dimensions: 197*107*71 mm
Weight: 1.5kg (3.3lb)

Functions:
CANbus
Vehicle Charging Interlock System
External Indicator

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
750A2420L	24V	24V ~ 33V	20A
750A3018L	30V	30V ~ 42V	18A
750A4815L	48V	48V ~ 67V	15A
750A6012L	60V	60V ~ 88V	12A
750A7210L	72V	69V ~ 103V	10A



STTL 840W A



Electrical:
Rated AC Input Voltage Range: 200VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 5A@220VAC

Mechanical:
Dimensions: 152*126*62 mm
Weight: 1.5kg (3.3lb)

Functions:
CANbus ; Auxiliary Power

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
840A4815L	48V	39V ~ 60V	15A
840A6012L	60V	48V ~ 73V	12A
840A7212L	72V	60V ~ 88V	12A



STTL 1200W A



Electrical:
Rated AC Input Voltage Range: 200~240VAC; 50/60Hz
AC Input Max Current: 7A@220VAC

Mechanical:
Dimensions: 196*143*67 mm
Weight: 2kg (4.4lb)

Functions:
CANbus; Auxiliary Power

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
1200A3625L	36V	30V ~ 44V	25A
1200A4820L	48V	39V ~ 60V	20A
1200A6018L	60V	48V ~ 73V	18A
1200A7215L	72V	60V ~ 88V	15A
1200A8412L	84V	72V ~ 103V	12A
1200A9612L	96V	84V ~ 120V	12A



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Charger Models A

STTL 1350W A



Electrical:
Rated AC Input Voltage Range: 200~240VAC; 50/60Hz
AC Input Max Current: 7.5A@220VAC

Mechanical:
Dimensions: 228*126*76 mm
Weight: 2.5kg (5.5lb)

Functions:
CANbus;
Auxiliary Power;
Vehicle Charging Interlock System
External Indicator

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
1350A1225L	12V	12V ~ 16V	25A
1350A2425L	24V	24V ~ 33V	25A
1350A3625L	36V	36V ~ 49V	25A
1350A4825L	48V	48V ~ 67V	25A
1350A6025L	60V	60V ~ 84V	20A
1350A7220L	64V	64V ~ 90V	20A
1350A6415A	72V	72V ~ 102V	15A
1350A8418L	84V	72V ~ 103V	18A



STTL 1500HA 2-in-1



Electrical:
Rated AC Input Voltage Range: 200~240VAC; 50/60Hz
AC Input Max Current: 8.5A@220VAC

Mechanical:
Dimensions: 275*180*86 mm
Weight: 2.5kg (4.9lb)

Functions:
Vehicle Charging Interlock System
OBC-1500W DC/DC-500W

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
1500HA6015L	60V	48V ~ 73V	15A
1500HA7220L	72V	60V ~ 88V	20A
1500HA8415L	84V	72V ~ 103V	15A

DC-DC Power: 500W
Input: 40/102V
Output: 13.8V ; 36A



STTL 2000W A



Electrical:
Rated AC Input Voltage Range: 200~240VAC; 50/60Hz
AC Input Max Current: 11A@220VAC

Mechanical:
Dimensions: 232*167*91 mm
Weight: 3.5kg (7.7lb)

Functions:
CANbus;
Auxiliary Power;
Vehicle Charging Interlock System
External Indicator

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
2000A1250L	12V	12V ~ 17V	50A
2000A2450L	24V	24V ~ 34V	50A
2000A3635L	36V	30V ~ 44V	35A
2000A4835L	48V	39V ~ 60V	35A
2000A6035L	60V	48V ~ 73V	35A
2000A7230L	72V	60V ~ 88V	30A
2000A6425	64V	64V ~ 90V	25A
2000A8022L	80V	72V ~ 103V	22A
2000A9622L	96V	80V ~ 111V	22A



STTL 3000W A



Electrical:
Rated AC Input Voltage Range: 200~240VAC; 50/60Hz
AC Input Max Current: 15A@220VAC

Mechanical:
Dimensions: 272*197*95 mm
Weight: 5kg (11.0lb)

Functions:
CANbus;
Auxiliary Power;
Vehicle Charging Interlock System
External Indicator

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
3000A2450L	24V	24V ~ 34V	50A
3000A3650L	36V	30V ~ 44V	50A
3000A4850L	48V	40V ~ 73V	50A
3000A4855L	48V	40V ~ 73V	55A
3000A7245L	60V	60V ~ 88V	45A
3000A7235L	72V	72V ~ 103V	35A
3000A9630L	96V	80V ~ 120V	30A
3000A10828L	108V	96V ~ 128V	28A
3000A11525L	115V	100V ~ 140V	25A
3000A14420L	144V	120V ~ 168V	20A
3000A15020L	150V	150V ~ 180V	20A



STTL 5000W PH



Electrical:
Phase: Three-phase three-wire + PE line
Line-to-line Voltage: 346~412VAC 45~65Hz
AC Input Max Current: 9A@380VAC

Mechanical:
Dimensions: 419*282*143 mm
Weight: 18kg (39.7lb)

Functions:
CANbus;
Auxiliary Power;
Vehicle Charging Interlock System
External Indicator;
Bluetooth + Display

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
5000PH36100L	36V	36V ~ 49V	100A
5000PH4880L	48V	48V ~ 68V	80A
5000PH6060L	60V	60V ~ 86V	60A
5000PH7260L	72V	72V ~ 102V	60A
5000PH8050L	80V	80V ~ 111V	50A



STTL 6000W A



Electrical:
Phase: Three-Phase Three-Wire + PE line
Line-to-line Voltage: 260~530VAC 45~65Hz
AC Input Max Current: 12A

Mechanical:
Dimensions: 448*220*92 mm
Weight: 22kg (48.5lb)

Functions:
CANbus;
Auxiliary Power;
Vehicle Charging Interlock System
External Indicator;
Bluetooth + Display

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
6000A48100L	48V	36V ~ 60V	100A
6000A60100L	60V	48V ~ 73V	100A
6000A7290L	72V	60V ~ 88V	90A
6000A8075L	80V	72V ~ 102V	75A
6000A9660L	36V	80V ~ 111V	60A



Certified Series

STTL 336W BG



Electrical

Rated AC Input Voltage Range: 100VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 4A@220VAC

Mechanical:

Dimensions: 173x112x63mm
Weight: 1kg (2.2lb)

Functions:

CANbus (Optional)
Auxiliary Power
Infrared (Optional)
Internal Indicator

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
336BG36XX	36V	36V ~ 44V	8A
336BG48XX	48V	39V ~ 60V	6A
336BG60XX	60V	48V ~ 73V	5A
336BG72XX	72V	60V ~ 88V	4A

Certificates:

CB/CE/KC/KCC/RCM/ECE R10



STTL 336W CG



Electrical

Rated AC Input Voltage Range: 200VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 3A@220VAC

Mechanical:

Dimensions: 170x112x61mm
Weight: 1kg (2.2lb)

Functions:

CANbus (Optional)
Auxiliary Power
Internal Indicator

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
336CG36XX	36V	30V ~ 44V	8A
336CG48XX	48V	39V ~ 60V	6A
336CG60XX	60V	48V ~ 73V	5A
336CG72XX	72V	60V ~ 88V	4A

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/DOE/CP65/ECE R10



STTL 450W PNG



Electrical

Rated AC Input Voltage Range: 100~240VAC; 50/60Hz
AC Input Max Current: 4.5A@120VAC

Mechanical:

Dimensions: 264x132x71.75mm
Weight: 2.5kg (5.5lb)

Functions:

CANbus.
Auxiliary Power.
Vehicle Charging Interlock System.
Bluetooth.
External Indicator.

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
WT24XX	24V	24V ~ 33V	15A
WT36XX	36V	36V ~ 51V	10A
WT48XX	48V	48V ~ 66V	8A
WT60XX	60V	60V ~ 84V	6A
WT72XX	72V	72V ~ 100V	5A

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/
DOE/CP65



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STTL 480W BG



Electrical

Rated AC Input Voltage Range: 200VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 3A@220VAC

Mechanical:

Dimensions: 190*140*60 mm
Weight: 1.4kg(3.1lb)

Functions:

CANbus; Auxiliary Power;
SIF Protocol

Certificates:

CB/CE/KC/KCC/RCM/ECE R10

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
480BG48XX	48V	39V ~ 60V	10A
480BG60XX	60V	48V ~ 73V	8A
480BG72XX	72V	60V ~ 88V	6A



STTL 480W CG



Electrical

Rated AC Input Voltage Range: 110VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 5A@120VAC

Mechanical:

Dimensions: 195*142*62 mm
Weight: 1.5kg(3.3lb)

Functions:

CANbus;
Vehicle Charging Interlock System;
External Indicator

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/DOE/CP65/ECE R10

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
480CG24XX	24V	24V ~ 34V	15A
480CG48XX	48V	39V ~ 60V	10A
480CG60XX	60V	48V ~ 73V	8A
480CG72XX	72V	60V ~ 88V	6A



STTL 720W PMG



Electrical

Rated AC Input Voltage Range: 100~240VAC; 50/60Hz
AC Input Max Current: 8.5A@120VAC

Mechanical:

Dimensions: 269x156x79.5mm
Weight: 2.8kg (6.2lb)

Functions:

Vehicle Charging Interlock System.
External Indicator

Built-in charging curves can be changed by
Remote controllers (Infrared Controller).

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/PSE/CEC/DOE/CP65

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
WT12XX	12V	12V ~ 16V	30A
WT24XX	24V	24V ~ 33V	30A
WT36XX	36V	36V ~ 49V	20A
WT48XX	48V	48V ~ 66V	15A
WT60XX	60V	60V ~ 84V	12A
WT72XX	72V	72V ~ 100V	10A



Certified Series

STTL 840W BG



Electrical

Rated AC Input Voltage Range: 200~240VAC; 50/60Hz
AC Input Max Current: 5A@220VAC

Mechanical:

Dimensions: 190x140x60mm
Weight: 1.5kg (3.3lb)

Functions:

CANbus.
Auxiliary Power.

Certificates:

CB/CE/KC/KCC/RCM/ECE R10

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
840BG48XX	48V	39V ~ 60V	15A
840BG60XX	60V	48V ~ 73V	12A
840BG72XX	72V	60V ~ 88V	12A



STTL 840W CG



Electrical

Rated AC Input Voltage Range: 100VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 8.5A@220VAC

Mechanical:

Dimensions: 195x142x62mm
Weight: 1.5kg (3.3lb)

Functions:

CANbus (Optional)
Auxiliary Power

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/DOE/CP65/ECE R10

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
840CG48XX	48V	39V ~ 60V	15A
840CG60XX	60V	48V ~ 73V	12A
840CG72XX	72V	60V ~ 88V	12A



STTL 1200W BG



Electrical

Rated AC Input Voltage Range: 120VAC/200~240VAC; 50/60Hz
AC Input Max Current: 7.5A@120VAC& 220VAC

Mechanical:

Dimensions: 233x132x80mm
Weight: 2kg (4.4lb)

Functions:

CANbus.
Auxiliary Power.
Vehicle Charging Interlock System.
External Indicator.
Infrared.

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
1200BG24XX	24V	24V ~ 33V	30A
1200BG48XX	48V	36V ~ 59V	25A
1200BG60XX	60V	48V ~ 72V	20A
1200BG72XX	72V	56V ~ 86V	15A
1200BG84XX	84V	72V ~ 103V	12A

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/
DOE/CP65/ECE R10



STTL 1200W CG



Electrical

Rated AC Input Voltage Range: 100VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 12A@120VAC& 220VAC

Mechanical:

Dimensions: 226x160x83mm
Weight: 2.5kg (5.5lb)

Functions:

CANbus.
Auxiliary Power (Optional)
Vehicle Charging Interlock System.
External Indicator.
Infrared (Optional)

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
1200CG24XX	24V	24V ~ 34V	25A
1200CG48XX	48V	39V ~ 60V	25A
1200CG60XX	60V	48V ~ 73V	25A
1200CG72XX	72V	60V ~ 88V	20A
1200CG84XX	84V	72V ~ 103V	15A

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/
DOE/CP65/ECE R10



STTL 1200W ZG



Electrical

Rated AC Input Voltage Range: 100~240VAC; 50/60Hz
AC Input Max Current: 12A@120VAC

Mechanical:

Dimensions: 335x192x144mm
Weight: 5kg (11.0lb)

Functions:

CANbus.
Auxiliary Power.
Vehicle Charging Interlock System.
External Indicator.

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
WT36XX	36V	36 ~ 49V	25A
WT48XX	48V	48V ~ 66V	25A
WT60XX	60V	60V ~ 84V	20A
WT72XX	72V	72V ~ 100V	17A
WT80XX	80V	80V ~ 110V	15A
WT96XX	96V	96V ~ 120V	12A

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/DOE/CP65



STTL 1500W CG



Electrical

Rated AC Input Voltage Range: 100VAC ~ 240VAC; 50/60Hz
AC Input Max Current: 15A@120VAC& 220VAC

Mechanical:

Dimensions: 234x173x89mm
Weight: 3kg (6.6lb)

Functions:

CANbus.
Auxiliary PowerčOptional Ď
Vehicle Charging Interlock System.
External Indicator (Optional).
Infrared (Optional)

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
1500CG24XX	24V	24V ~ 34V	30A
1500CG48XX	48V	39V ~ 60V	30A
1500CG60XX	60V	48V ~ 73V	25A
1500CG72XX	72V	60V ~ 88V	20A
1500CG84XX	84V	72V ~ 103V	15A

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/DOE/CP65/ECE R10



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STTL 1800W BG



Electrical

Rated AC Input Voltage Range: 200~240VAC; 50/60Hz
AC Input Max Current: 10A@220VAC

Mechanical:

Dimensions: 232x146x83mm
Weight: 3.5kg (7.7lb)

Functions:

CANbus.
Auxiliary Power.
Vehicle Charging Interlock System.
External Indicator.

Certificates:

CB/CE/KC/KCC/RCM/ECE R10

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
1800BG24XX	24V	24V ~ 33V	30A
1800BG36XX	36V	30V ~ 44V	30A
1800BG48XX	48V	39V ~ 60V	30A
1800BG60XX	60V	48V ~ 73V	30A
1800BG72XX	72V	60V ~ 88V	25A
1800BG84XX	84V	72V ~ 103V	20A



STTL 3000W BG



Electrical

Rated AC Input Voltage Range: 120VAC/200~240VAC; 50/60Hz
AC Input Max Current: 13A@120VAC; 15A@220VAC

Mechanical:

Dimensions: 336x203x97mm
Weight: 6kg (13.2lb)

Functions:

CANbus.
Auxiliary Power.
CC Function at output DC part
Vehicle Charging Interlock System.
Bluetooth
External Indicator.

Certificates:

UL/CB/CE/FCC/KC/KCC/RCM/CEC/DOE/CP65/ECE R10

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
3000BG24XX	24V	24V ~ 34V	50A
3000BG36XX	36V	36V ~ 51V	50A
3000BG48XX	48V	40V ~ 67V	50A
3000BG60XX	60V	60V ~ 84V	35A
3000BG72XX	72V	66V ~ 103V	35A
3000BG96XX	96V	80V ~ 120V	30A



STTL 9000W A & BG



Electrical

Rated AC Input Voltage Range: 120VAC/200~240VAC; 50/60Hz
AC Input Max Current: 26A@120VAC; 30A@220VAC

Mechanical:

Dimensions: 440*307*95mm
Weight: 26kg(57.2lb)

Functions:

CANbus.
Auxiliary Power (Optional)
Vehicle Charging Interlock System.
External Indicator.
CC Function at Output DC Part

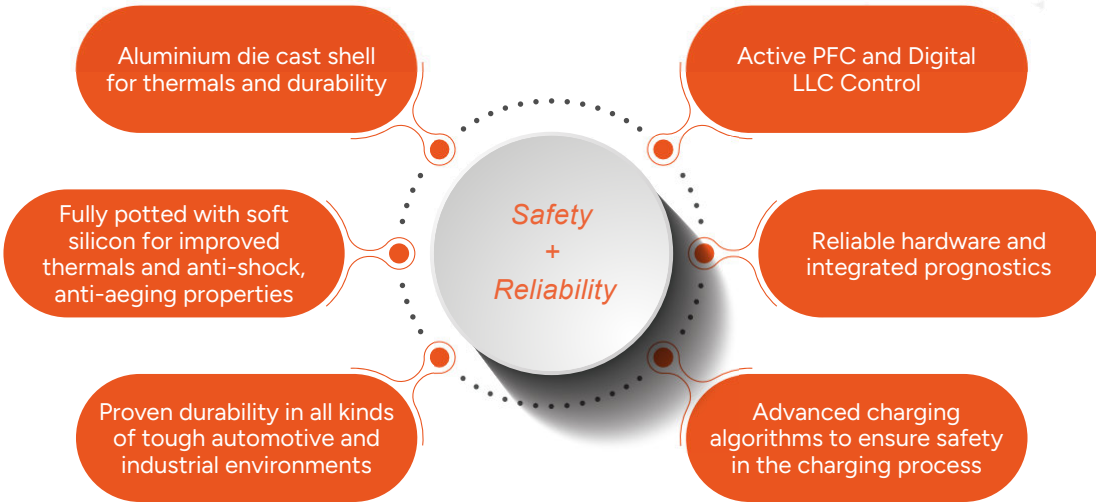
Certificates:

Optional: UL/CB/CE/FCC/KC/KCC/RCM/CEC/DOE/CP65

Models	Battery Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
9000W48XX	48V	68V	150A
9000W60XX	60V	84V	105A
9000W72XX	72V	87V	105A



Features and advantages
Series A, B, C



Protection Features



Burnout Protection:

When the charger's temperature exceeds the preset limit, charging current reduces automatically. If it exceeds the safety threshold, the charger shuts down and resumes charging once the temperature normalizes.



Short Circuit Protection:

When the output short circuit occurs, the internal circuit of the charger and the battery are disconnected, and the charging can only be resumed after the fault is eliminated and the battery is reconnected.



Protection for Reverse Connection of Batteries:

If the battery is connected in reverse, the charger disconnects to prevent damage.



Automatic shutoff when fully charged.



No-load Protection:

No output when no battery is connected.



OBC, DC-DC and 2-in-1s

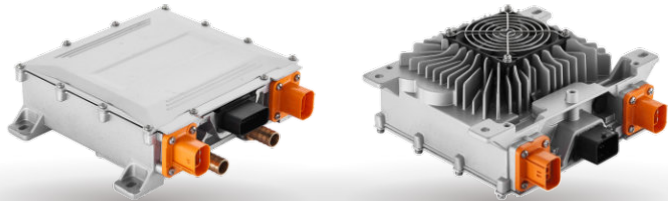
STTL OBCs



On Board Chargers:

All information and Drawings Available on Request
Liquid and air cooled versions available
CISPR25 Compliance with compatibility for high vibration and temperature operation. CANbus, CP/PP/Wake

Models	Battery Pack Rated Voltage	Thermal Management	Max Output Current
3.3kW LF Version	LV/HV	Fan Cooled	40A
6.6kW HF Version	LV/HV	Fan Cooled	60A
3.3kW LW Version	LV/HV	Liquid Cooled	40A
6.6kW LW Version	LV/HV	Liquid Cooled	60A



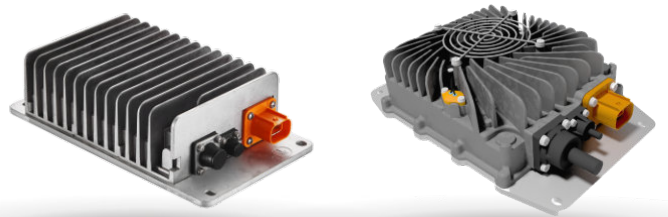
STTL DC-DCs



DC-DCs

All information and Drawings Available on Request
Liquid and air cooled versions available
CISPR25 Compliance with compatibility for high vibration and temperature operation. CANbus Communication

Models	Pack Rated Voltage	Rated Voltage Output Range	Max Output Current
500W Version	48/144	12 ~ 14VDC	36A
1000W Version	44/450	12 ~ 14VDC	72A
1500W Version	320/600	12 ~ 14VDC	110A
2000W Version	320/600	12 ~ 14VDC	140A



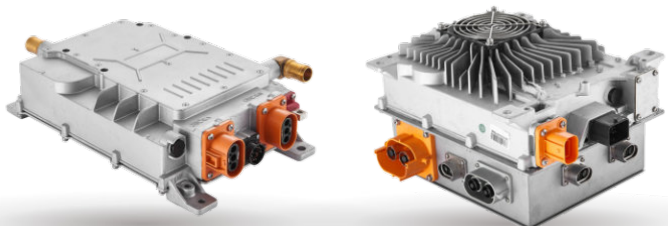
STTL 2-in-1s, 3-in-1s



Combination Units:

All information and Drawings Available on Request
Liquid and air cooled versions available
CISPR25 Compliance with compatibility for high vibration and temperature operation. CANbus, CP/PP/Wake

Models	Battery Pack Rated Voltage	Thermal Management
3.3kW+1kW	LV/HV	Air/ Liquid
3.3kW+2kW	LV/HV	Air/ Liquid
6.6kW+1.5kW	LV/HV	Air/ Liquid
6.6kW+2.5kW	LV/HV	Air/ Liquid



High Power Modules

STTL 60/120V-10K



Introduction:

These Low Voltage AC/DC charging module is optimized for Light Electric Vehicles, featuring DSP digital control, resonant soft switching, and active PFC for high power density, efficiency, and low harmonics. It supports parallel operation, offers a wide output range, and performs reliably across a wide temperature range.

Specifications:

Dimensions: 396*130*84 mm
Weight: 7kg (15.4lb)
Temp: -40°C to 75°C

Models	Operation Class Compliance	Rated Voltage Output Range	Max Output Current
STTL60-9KV1	LEVDC	20V ~ 68V	165A
STTL120-10KV1	LEVDC	20V ~ 120V	100A

Functions::

Isolated CANbus, High Reliability unit
Parallel Output (upto 60 Units) and Load Balancing
Hot Swapping, Self Diagnostics; All Protection Features



STTL 1000V-30K/40K



Introduction:

The smart EV AC2DC charging module, compliant with CE standards, is designed for indoor/outdoor use with a 50–1000V DC output. It offers high efficiency, power density, superior protection with gel-filled technology, and ultra-low standby power to minimize lifecycle costs.

Specifications:

Dimensions: 450*300*84 mm
Weight: <20kg
Temp: -40°C to 75°C

Models	Operation Class Compliance	Rated Voltage Output Range	Max Output Current
STTL1000-30KV1	EVSE	50V ~ 1000V	100A
STTL1000-40KV1	EVSE	50V ~ 1000V	133A

Functions::

Isolated CANbus, High Reliability unit
Parallel Output (upto 60 Units) and Load Balancing
Hot Swapping, Self Diagnostics; All Protection Features



SOLTERRA



Controllers & Communication Devices

STTL GQEVPLC



Introduction

STEVPLC is full functional EV charging communication controller for Electric Vehicle, This board supports Bi-direction Vehicle to Grid communication (V2G Protocol) software for Electric Vehicle.

Mechanical:

Dimensions: 153x136x37mm
Temperature Rating: -40 to +85 C

Functions:

DIN70121, ISO15118
ISO11898 CANbus Interface, RS232 Debug Interface, Firmware update via RS232. Low idle current draw <1mA. Various Wakeup Options.
DC 9V-36V with Vin DC24V
PP, CP, CAN, IO, PD Lock Control and Feedback with 12V & 24V
Error Handling for all exceptions. ARAI Approved



STTL GQSE8819



Introduction

GQSE8819 is a charging communication controller for EV Charger. It is designed for support CCS standard only. It is cost effective solution for CCS only charger.

Mechanical:

Dimensions: 156x98x25mm
Temperature Rating: -40 to +85 C

Functions:

DIN70121, ISO15118
ISO11898 CANbus Interface, RS232 Debug Interface, Firmware update via RS232. Low idle current draw <1mA. Various Wakeup Options.
DC 18V - 36V with Vin DC24V
PP, CP, CAN, IO, PD
Error Handling for all exceptions. ARAI Approved



OCPP CONTROLLER



Introduction

OCPP JSON 1.6, over Ethernet, Wi-Fi, and 4G Upgradable to OCPP 2.0.1 Websocket and Secure WebSocket both supports Ping Pong Monitor & Auto Reconnect Open Charge Alliance OCPP Test Passed

Mechanical:

Dimensions: 200x120x25mm
Temperature Rating: -40 to +85 C

Functions:

QUAD core ARM Application Processor with eMMC and DDR3
Isolated RS485, RS232,
4G LTE Module with Wifi and Bluetooth
Dual USB Ports
7V-36V Wide Input Voltage Range



STTL CCS2 PORTABLE TESTER



Introduction

The CCS2 Portable Charger Tester is an all in one Charging Station Tester that Can be used at servicing, application and maintenance Centres. This can be Transported easily as it comes in a portable hard case with wheels

Mechanical:

Dimensions: 600x400x330mm 23 Kg
Temperature Rating: -40 to +40 C

Functions:

10.1" Capacitive Touch Screen
CCS: DIN70121/ISO15118. Optional DC Load
EVCC & BMS Log Data Output
PP, CP, CAN, IO, PD / PE
Simulator Data result output and Program



STTL CCS2 SIMULATORS



Introduction

The CCS2 EV Simulators are designed for verifying standard compliance of CCS charger for accelerating development of charging station for EVSE and Charger OEMs. This device provides 100% Test coverage as per Standards.

Mechanical:

Dimensions: 430x160x500mm 19" 5U Rack Mountable
Temperature Rating: -40 to +85 C

Functions:

DIN70121, ISO15118
ISO11898 CANbus Interface, RS232 Debug Interface, Firmware update via RS232. Low idle current draw <1mA. Various Wakeup Options.
110VAC - 240VAC 50/60Hz input for Controller
PP, CP, CAN, IO, PD
Detailed Logging, Debug ports and Sniffer inbuilt



STTL GQIMD



Introduction

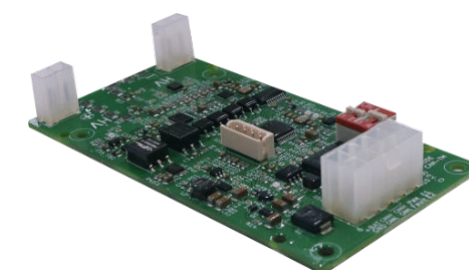
The GQ IMD is high voltage isolation monitoring device for EV and EV Chargers The GQIMD monitons isolation resistance Dynamically. This unit is automotive Application qualified and is ready for EVSE and EV

Mechanical:

Dimensions: 100x53x17mm
Temperature Rating: -40 to +125 C

Functions:

TheGQ-IMD was designed for complying with ISO6469-3:2011-12, UL2231-1,UL2231-2, IEC61557-A, CFR571.305 and other applicable standards.
CANbus Interface, RS232 Debug Interface, Firmware update via RS232. Low idle current draw <1mA.
Isolation Resistance Monitoring Range upto 2.7MΩ and Detection upto 1000VDC. PWM and Fault IO available
DC 6V - 36V with Vin DC24V



EV CHARGING
STATION



SOLTERRATM
EV CHARGERS

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