



ECO
GATE

ENABLED

ITW GSE DC CHARGER



Worried about charging?

The ITW GSE DC Charger delivers fast, flexible charging for electric ground support equipment. Tapping into the existing infrastructure, the DC Charger connects directly to the ITW GSE 2400 GPU which allocates surplus power, unlocking efficient load sharing while always prioritizing the GPU.

- **Smarter energy use, lower costs:**

Efficient load sharing for maximum power utilization and dynamic distribution of available power

- **Fast, high-speed charging:**

Use existing infrastructure and surplus power to charge your eGSE with 60 kW

- **Flexible installation:**

Take advantage of opportunity charging closer to operations - at the gate or parking stand

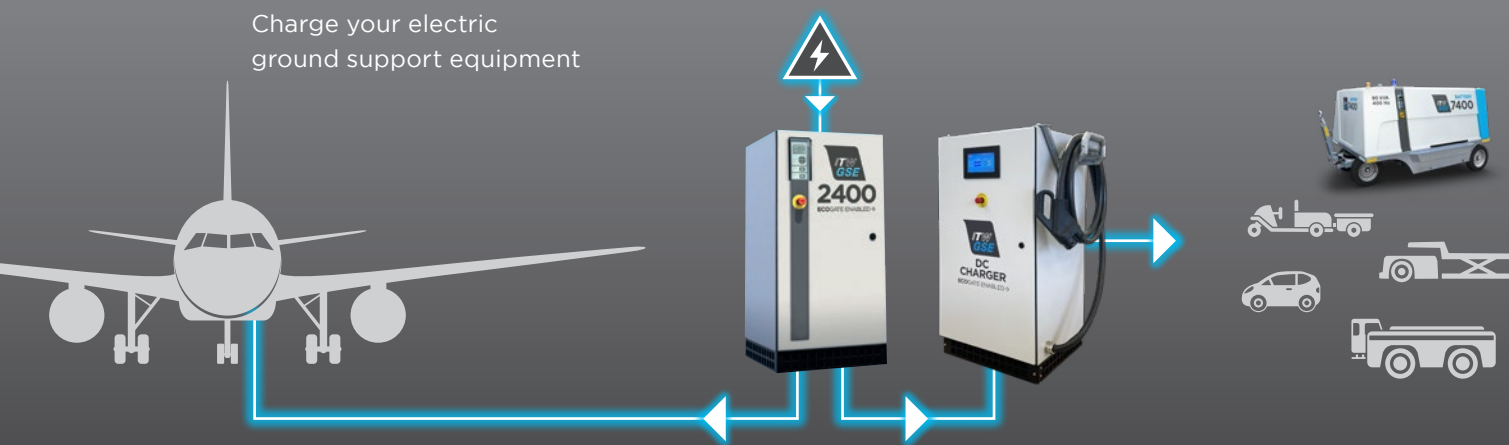
ECOGATE ENABLED

The DC Charger is part of EcoGate, a high-efficiency system of ITW GSE ground support units that work together. Designed to work with the ITW GSE 2400 GPU, the DC Charger allows you to maximize existing power and enables you to expand your eGSE fleet without compromising operational efficiency or costly electrical upgrades.

POWERING THE FUTURE OF AVIATION

With seamless ITW GSE integration, scalable power configurations, and optimized energy management, the ITW GSE DC Charger supports sustainable, cost-effective airport electrification.

Charge your electric
ground support equipment



SPECIFICATIONS

ITW GSE DC Charger

Features

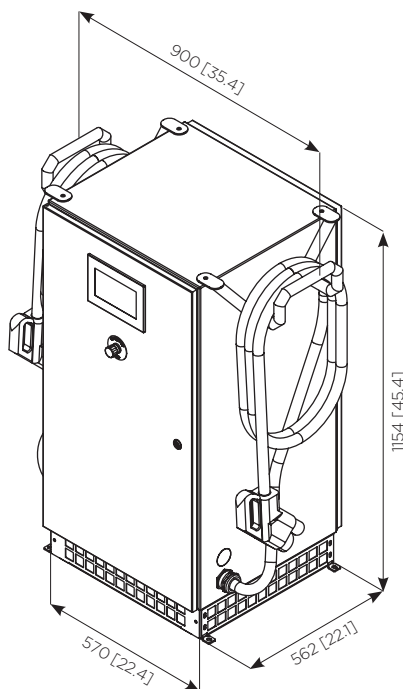
- EcoGate enabled - designed to be connected to the ITW GSE 2400 GPU
- Smart charging via OCPP (Open Charge Point Protocol) implemented in the ITW GSE 2400
- CCS1 or CCS2 charging standard
- 5 meter (195 inches) charge cable

Configurations

- 1 x 60 kW outlet (CCS1/CCS2)
 - left or right side cable storage
- 2 x 60 kW outlets (CCS1/CCS2)
 - cable storage at both sides

Weight

- Up to 220 kg (485 lbs) depending on configuration



Dimensions are shown
in mm and [inches]

AC input

- Nominal voltage: Max 400 V +32% / -17%
- Input current: 60 kW: 90 A / 120 kW: 175 A
- Frequency: 45-65 Hz

DC output (pr. outlet)

- Output voltage: Max 1000 VDC
- Output current: Max 250 A

Environmental

- Operating temperature
 - 40°C to +55 °C (-40 F to 130 F)
- Relative humidity 10-100%
- Noise level >65 dB(A)@ 1m

Protection

- Protection class: IP 55 input & output zones
- Over/under voltage at output
- Overload
- Internal high temperature
- Control voltage error
- Short circuit at output

Available standard options

- Apron stand for cable(s)

Miscellaneous

- Supported language: English
- 7" LCD touch screen
- Color: RAL 7035 (standard)
- Prepared for integration of own billing system
- Communication protocol:
 - OCPP - Open Charge Point Protocol (OCPP 1.6)

Norms and standards

- IEC 61851-1
- IEC 61851-23
- IEC 61851-24
- ISO 15118