



AVEREST
WWW.AVEREST.BIZ



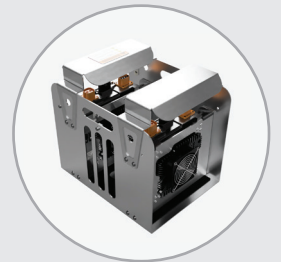
Powerful

Solutions for eGSE



FLEXCHARGE

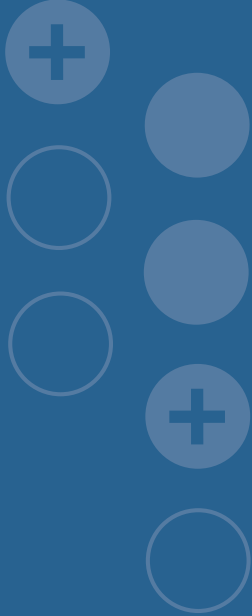
Versatile Onboard Charger



FLEXCHARGE

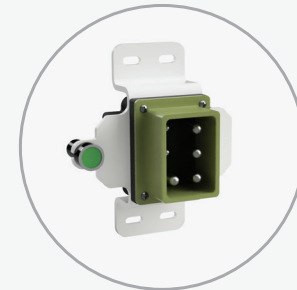
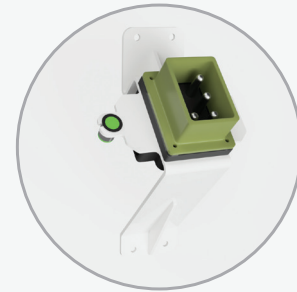
At Averest, we realize how important it is to keep your electric ground support equipment charged and ready to go. Averest FlexCharge provides fast-charging onboard solutions to charge electric GSE from a GPU or from other AC sources such as EVSEs, eliminating the need to install external

chargers. The modular design allows for plug-and-play installation on most eGSE vehicles. Averest FlexCharge chargers come in a variety of sizes, power ratings, form factors, and input power types. Inquire for custom designs, mounting solutions, receptacles, cables, and charge algorithms.



400 Hz - AirShare 400

Averest FlexCharge chargers can be configured to charge eGSE from a variety of input AC power sources. Averest AirShare 400 chargers allow operators to charge their vehicle with a GPU, eliminating the need to install external chargers. Charging vehicles directly from a jet bridge adds convenience and speed to ground operations.



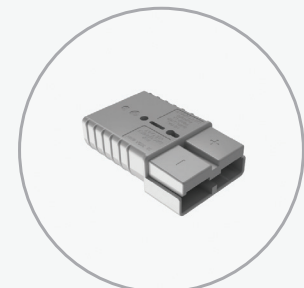
EVSE (Electric Vehicle Supply Equipment)

FlexCharge chargers can be configured to charge eGSE from typical EV chargers (EVSEs) using J1772 type connectors. These EV power sources are becoming increasingly common, providing a convenient way to charge vehicles at any airport. Inquire for custom designs, mounting solutions, receptacles, cables, and charge algorithms.



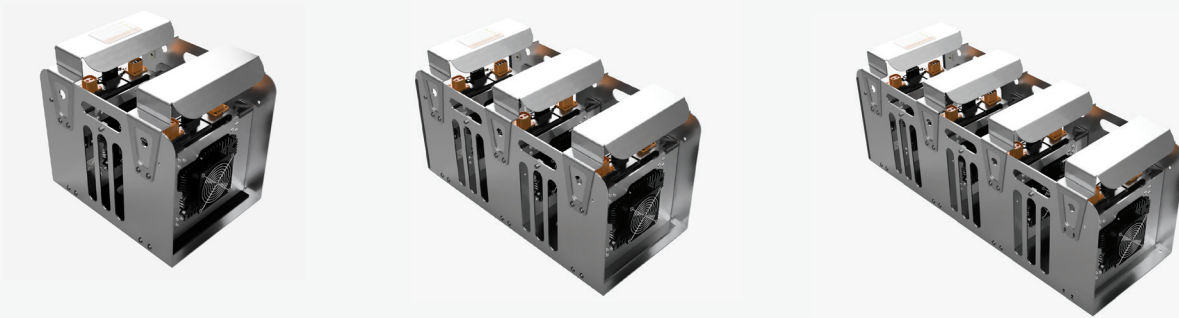
Vehicle connection

Averest specializes in custom cables for eGSE batteries and chargers. Our FlexCharge cables can be custom-built for optimizing cable routing, and to interface with any connectors.



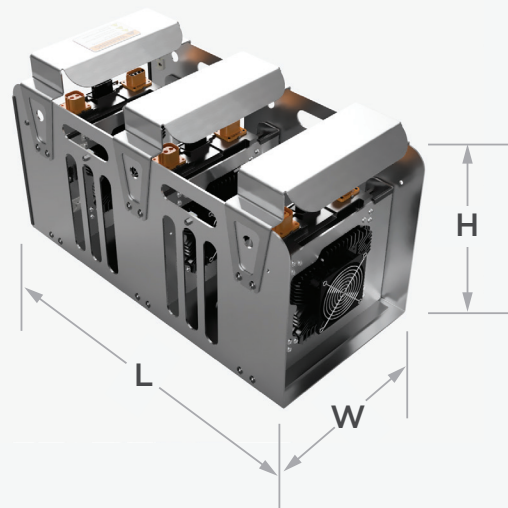
Wide

The wide profile charger is preferable wherever there is ample space to mount an onboard charger. Due to its size, it stays cooler while charging which typically eliminates the need for other cooling provisions. These chargers are popular for use with mid-sized towbar pushback tractors and are optimized for Flux and Deka batteries. Inquire for custom designs, mounting solutions, receptacles, cables, and charge algorithms.



INPUT VOLTAGE	INPUT FREQUENCY	OUTPUT VOLTAGE
90-265VAC	50/60 or 400Hz	70VDC-680VDC

KW RATING	L	W	H	MAX OUTPUT CURRENT (A)
13.2	18"	13.5"	16.5"	120
19.8	28"	13.5"	16.5"	180
26.4	39"	13.5"	16.5"	240



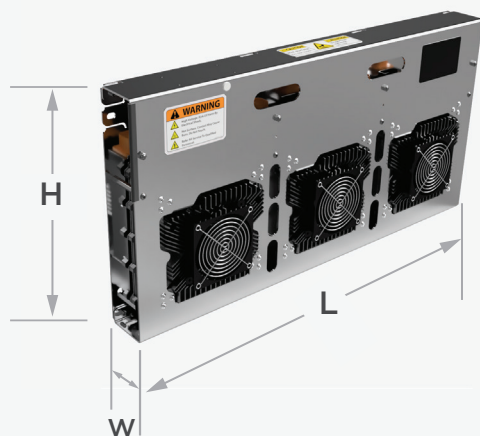
Thin

The thin profile charger is preferable wherever space is limited to mount an onboard charger. Due to its thin profile, it can be mounted in smaller compartments. Depending on the application, air ducts are usually required to direct cool air to the charger. These chargers are popular for use with mid-sized towbarless tow tractors and are optimized for Flux and Deka batteries. Inquire for custom designs, mounting solutions, receptacles, cables, and charge algorithms.



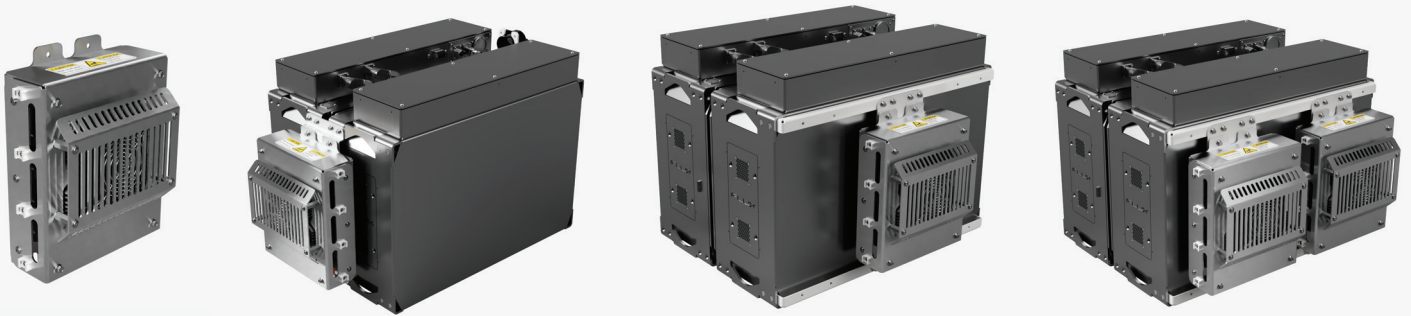
INPUT VOLTAGE	INPUT FREQUENCY	OUTPUT VOLTAGE
90-265VAC	50/60 or 400Hz	70VDC-680VDC

KW RATING	L	W	H	MAX OUTPUT CURRENT (A)
13.2	21"	4.5"	16.5"	120
19.8	32"	4.5"	16.5"	180
26.4	43"	4.5"	16.5"	240



Modular

The modular charger is very versatile and can be configured to work with most eGSE vehicles. Multiple charger modules can be wired together to work in applications where space is tight. These chargers can even be mounted directly to a Flux g80 battery. Single module onboard chargers are popular for use with baggage tractors and are optimized for Flux and Deka batteries. Inquire for custom designs, mounting solutions, receptacles, cables, and charge algorithms. It has very flexible input power characteristics that allow for 50/60Hz, 400Hz, or an EVSE power source.



INPUT VOLTAGE	INPUT FREQUENCY	OUTPUT VOLTAGE
90-265VAC	50/60 or 400Hz	70VDC-680VDC

Can be placed in parallel to provide the following options:

KW RATING	MAX OUTPUT CURRENT (A)
6.6	60
13.2	120
19.8	180
26.4	240



Our Company

Since 2004, Averest, Inc. has specialized in providing battery and charger solutions specifically designed for the airline ground support equipment industry. Averest has become the frontrunner in providing these solutions by utilizing our vast aviation industry knowledge. Averest partners with leading manufacturers of industrial batteries and chargers who have the ability to produce products that meet our customer's specific requirements.

Focusing solely on the aviation industry, Averest is able to expertly recommend customized electric power solutions for every situation. Averest is on the forefront of new charging and battery technologies such as lithium batteries and high efficiency rapid charging systems.

Averest, Inc. is leading the way towards a cleaner environment by offering technically sound electric power solutions which replace internal combustion engines in airline ground support equipment.

