

ITW GSE

7400 eGPU

**OPTION
RANGE
EXTENDER**

Prevent delays during turnarounds
with a gasoline driven, plug-in hybrid, range extender



It's all about connections





PLUG & PLAY
UNIQUE VOLTAGE QUALITY

Gasoline Driven, Plug-in Hybrid, Range Extender Option for ITW GSE 7400 eGPU

GET EXTRA CAPACITY WITH A RANGE EXTENDER

The ITW GSE 7400 eGPU is designed to supply aircraft with clean power. Depending on the size of aircraft and its onboard equipment, the eGPU has enough power to do several turnarounds, typically 10-12 turns for a Code C aircraft. But there could be situations where you would welcome extra capacity - for instance in case of an unexpected delay at a moment where the eGPU is low on battery. This is exactly where the range extender comes into play.

The range extender is a gasoline driven gen-set. It automatically starts, when the battery capacity of your ITW GSE 7400 eGPU reaches the pre-set level. While the eGPU continues supplying power to the connected aircraft, the range extender charges the eGPU batteries. Once the battery capacity has reached a satisfactory level, the range extender automatically stops. This is an economic and environmentally friendly solution.

MAKE YOUR EGPU READY FOR THE FUTURE

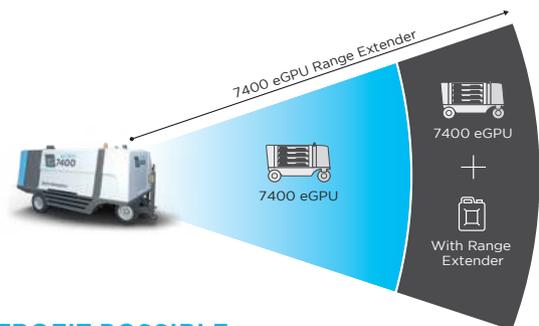
It is difficult to predict the future. The airport traffic may increase sooner than expected. New or other types of aircraft may come with higher power demands. Adding a Range Extender is an efficient way of increasing the capacity of your eGPU in case of unforeseen power needs although they may only happen rarely. The Range Extender increases the capacity of the eGPU with 110 kWh which may be what you need to bring you on the safe side.

SUITS THE ACTUAL POWER REQUIREMENTS

The automatic start-up of the Range Extender can be tailored to the actual power requirement. For some customers, the Range Extender should start when the battery capacity comes down to 20% - others may want it to start at 30%. This level can be adjusted and changed via the LCD display to fit new requirements.

The Range Extender runs for a minimum of time i.e. till the battery capacity has reached +10% from the starting point; then it automatically stops.

This is very economic solution that also maximizes the life time of the Extender. Furthermore, it minimizes the pollution and the noise from the gasoline motor. Depending on the usage, the Extender tank requires a fill up once per month, only.



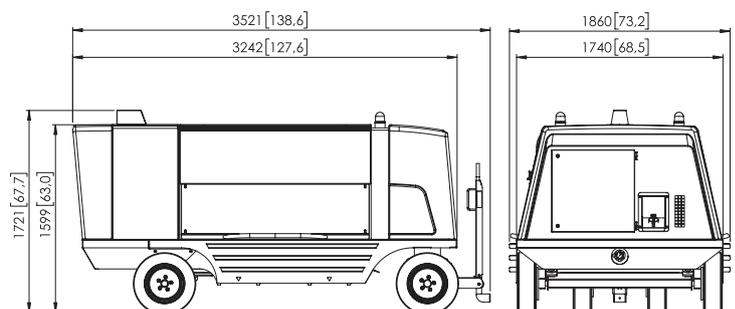
RETROFIT POSSIBLE

The Range Extender can be retrofitted at any time, but we recommend that it is mounted before the eGPU leaves the factory.

TECHICAL SPECIFICATIONS

Engine:	Briggs & Stratton
Engine certification:	Euro V compliant
Capacity:	110kWh
Propellant:	Unleaded gasoline/petrol
Weight:	400 kg

EGPU WITH RANGE EXTENDER



Dimensions are shown in mm and [inches]