

Safety Instructions

The Lithium Power Supply (LPS) is classified as Class 9 hazardous material UN3480, a power source with high energy density and dangerous materials in a closed metal case!

Installation must strictly follow the national safety regulations in compliance with the enclosure, installation, creepage, clearance, casualty, markings, and segregation requirements of the end-use application. Installation must be performed by professional installers only. Switch off the system and check for hazardous voltages before altering any connection!

The Lithium Power Supply must be handled only by qualified and trained personnel.

The lowest protection degree of specific parts of the LPS is in accordance with IP21 requirements.

This is a Class I product. Only connect 230VAC In from a source that is connected to electrical earth, including any extension cords between the source and the unit.

Especially keep these rules:

- Do not open the Lithium Power Supply.
- Do not discharge a new Lithium Power Supply before it has been fully charged first.
- Charge only within the specified limits.
- Do not mount the Lithium Power Supply upside down or on the sides.
- Check if the Lithium Power Supply has been damaged during transport.
- Do not put Lithium Power Supplies in serial or parallel.

Dangers involved in case of fire:

- Danger of dust particle explosions
- Decomposition through fire or heat under development of toxic and cauterizing gases
- Combustion gasses which strongly irritate eyes and respiratory organs

General actions to be taken by the driver if these dangers occur:

- Turn off the engine
- Put a warning signal on the road to warn others
- Inform others about the danger and direct them to stand away from the wind direction
- Call the police and fire department immediately and inform that lithium batteries (UN3480) are on board

Instruction for fire extinguishing:

- Extinguish with water, if possible cover lithium power supply completely in water
- Extinguishing with water will produce fluoride, phosphate, fluoride-oxide and carbon oxide.
- Alternatively extinguish with a CO2 extinguisher.

Note: The LPS must be fully charged before storing and recharged every 6 month.



**NON-SPILLABLE
LI-ION BATTERY**

