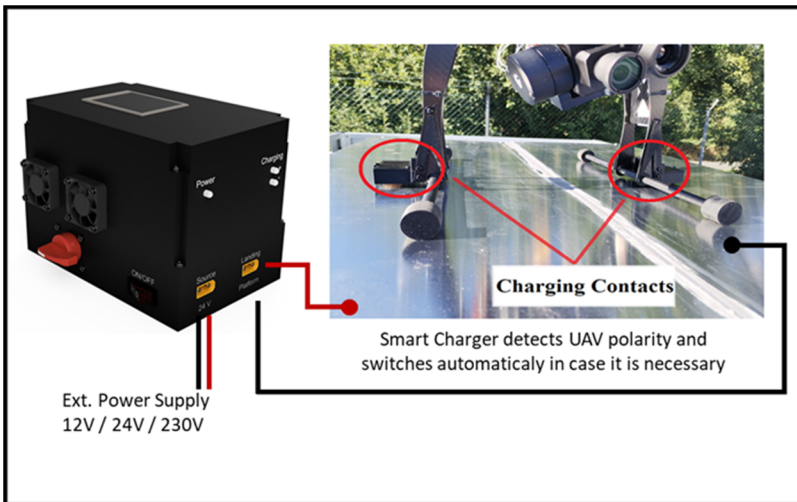


# UAV Smart Charger

**Small , smart , safe , secure , fast , powerfull**



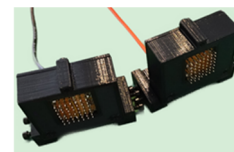
- ◆ Automatic and autonomous charger for remote UAS
- ◆ Small size, light weight ground station
- ◆ Even smaller and lighter charging contacts on UAV
- ◆ Continue using your batteries
- ◆ Don't worry about charging polarity
- ◆ Simple & easy installation of customizable charging plates on landing platform

## Ground module

- Mini Computer for connection control & smart charging
- Network interface for remote control
- LCD screen for basic information
- Automatic landing and take-off detection
- Automatic polarity detection after landing
- Automatic cut-off if fully charged or UAV took off
- External power supply 12V / 24V / 110 V / 230V possible
- Manual emergency stop, On / Off switch
- Size standard housing: W 17cm , D 21cm , H 16cm
- Weight standard housing: 1,3 kg

## UAV contact unit

- 2 charging contact units per drone
- Charging contacts: 20 spring contacts
- Size charging contact unit: 30 mm x 30 mm
- Weight charging unit: 50g each + cable



## Charging plates

- 2 seperated metal plates
- No specific needs for the plates except stainless steel and good conductivity

- **4—8S Lipo , Li-Ion - max charging current depending on batteries used (e.g. 4S—10 A ; 6S — 25A)**