

# TECSUP

## EXTREM

24 V / 30 A  
Power supply or charger

Experts since 1985 in the conversion of electric energy, for powers ranging from 50 to 3000 watts, TECSUP has developed a robust range of Pro class, functioning either with :

- stabilized power,
- battery charger compatible with all types of battery : open lead, sealed lead,(AGM, gel, spiraled), lithium.

**Rainproof and equipped with reinforced protections**, the **EXTREM** power supplies & chargers are perfectly adapted for fixed or semi-mobile applications, in harsh but controlled environments.

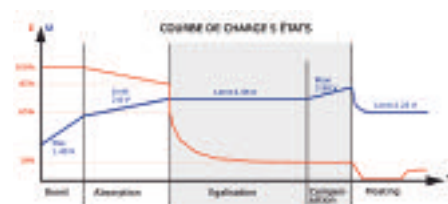


### Specifications

<b>Output (voltage / current)</b>	<b>24 V / 30 A</b> Other versions available on request.
Power (max)	720 W
Power supply version	Output power stabilized : 24,5 V (+/- 1%) Residual ondulation < 250mV.
Charger version	Charging curve 3 or 5 states. Protection against polarity inversions.
Universal input voltage	Full power from 96 to 264 VAC
Output current (max)	30 A
Ingress Protection level	<b>IP 65</b>
Frequencies covered	47 Hz à 63 Hz
Working temperature	between -25°C and +55°C
Storage temperature	between -40°C and +70°C
Dimensions (mm)	381 x 355 x 122
Weight	8,5 Kg
Natural ventilation	Without fan
Inlet connector	Cable lg.1.5m + moulded Schuko plug
Outlet connector	Cable lg. 2.0m

### Charging Curves (large choice)

- Power supply (U = 24.5 V +/- 1%).
- Battery LiFePo4 (U= 29.2 V +/- 1%).
- Battery lead sealed 3 states.
- Battery lead spiral sealed.
- Battery lead open 3 states.
- Battery lead open 5 states.
- Other curves (lead, lithium) on request.



### Easy functioning

- Switch 0/1.
- 2 leds display :
  - 1/ Mains connected
  - 2/ Power supply or charge indicator :
    - Orange : Boost
    - Green : Floating or supply mode
    - Red : Default
- Links possible to earth (connector).

### Security Protections

- Electronic protection against entering power surges up to 380VAC (OVP).

- Electronic protection against short-circuits on exits.
- Automatic electronic protection against polarity inversions (on charger versions).
- The EXTREM line of products complies to MIL STD 461D standards for the following tests:
  - Conducted emission (CE 101-4 ; curve 2).
  - Conducted emission (CE 102-2 ; basic curve).
  - Radiated emission (RE 101-2 ; 7 cm limit).
  - Radiated emission (RE 101-2 ; army curve).
  - Conducted susceptibility (CS101).
  - Conducted susceptibility (CS114).
  - Transient (CS115-1).
  - The EMC tests relevant for the CE certification.



- **2 year warranty.**
- **Listening to and proximity to clients.**

- **Knowledge of conditions of use.**
- **Specific versions on request.**



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