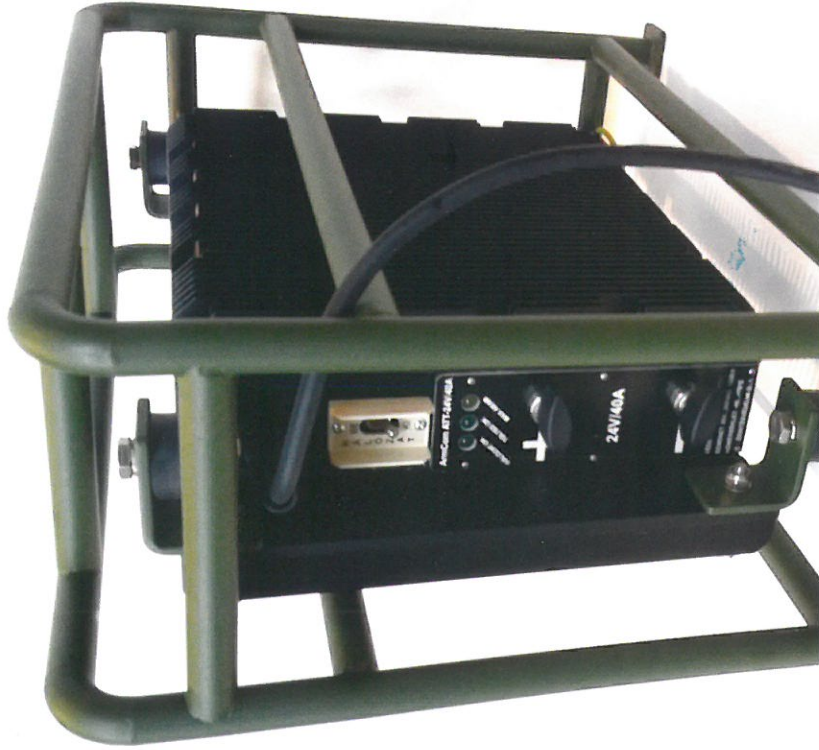


# ATT-24V/40A

POWER SUPPLY AND BATTERY CHARGER



# ATT-24V/40A

POWER SUPPLY AND BATTERY CHARGER

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## TECHNICAL PARAMETERS:

- Input: 90-260 VAC, 47-63 Hz
- Max. input power: 1500W
- Max. output: 28,8/27,6VDC
- Max. output charging current: 40A
- Max. offline reverse current: 5mA
- Storage temperature range: -40 °C ... +80 °C
- Operating temperature range: -40 °C ... +70 °C
- Overheating protection: current limiter
- Dimensions: 210x540x440mm
- Weight: 24 kg
- Environmental Protection: IP67 (might be dipped into water briefly)
- Insulation class: I. (with PE)
- Barometric pressure limit during operation: 600 hPa
- Barometric pressure limit during storage: 120 hPa

## TECHNICAL PARAMETERS:

The charger is capable of automatic charging 24V batteries with capacity of 20-480Ah, and supplying power to equipment working from 24 V DC.

The charger has electronic protection against short-circuit and over-current with electronic output circuit breaker. Protection against reverse polarity: electronic, if connected voltage is below -2V, output will be switched off.

## CHARGING I-U CHARACTERISTICS:

Upon connecting the cables and switching the unit on, charging (or power supply) commences at 28,8V/40A. After approx 2 hours output voltage will drop to 27,6V. Current limit will stay at 40A.

In case of over-current MAX OUTPUT CURRENT led will be lit.

## CONTROLS, DISPLAYS:

**MAINS switch:** Switches the unit on/off.  
**MAINS display:** Shows the presence of input voltage.  
**CHARGING display:** Lit during active output  
**MAX CURRENT display:** Lit when output current is more than 40A.

## CHARGING:

Connect the output to the batteries or equipment, observing appropriate polarity.  
Connect the unit to mains power.  
Switch on the unit.  
The charger is automatic, might be connected to the batteries for prolonged period of time.

## SECURITY REGULATIONS:

The charger must be used only for 24V batteries.  
Do not use the charger after it was subject to great shock or had been damaged.  
Never try to charge damaged or frozen batteries. Frozen batteries must be let to warm up in room-temperature environment prior to charging. Suggested charging temperature is 0 ... 40°C.  
If the battery gets during the charging, abandon the process.  
The charger will not be damaged in the event of the contact of the cable grips, but this should be avoided in potentially explosive atmospheres.  
Do not operate the charger in close proximity of flammable materials.  
Batteries should be charged in well ventilated areas, avoid the use of fire.

## APPLICABLE STANDARDS:

Az EN 60335-2-29 : 73/23/EEC, 93/68/EEC, EN 61000-3-2, EN 61000-3-3, EN 55014-1, EN 55014-2, 89/336/EEC, 92/31/EEC, 93/68/EEC, MSZ EN 61010 – 1, MSZ 1600/1, MSZ 15851-87, 4/1996/XXXI, MSZ 10190, MSZ EN 60950, MSZ 171/1, MSZ 172/2, MSZ 8880/14 and MSZ 9229/1M