

## AT22101 DC POWER DISTRIBUTION & UPS UNIT



**AT22101 is a compact ruggedized power distribution unit with uninterruptible power supply (UPS) capability** designed for reliable operation in a rough military or industrial environment.

The AT22101 has up to **six DC power outputs** to power and backup tactical communication system devices.

Equipped by a Lithium-ion battery with **8700 mAh backup capacity**, the unit can provide autonomous power for hundreds of minutes.

**IP based management** allows all powered devices to react to current capacity status.

The standard network management system can collect all the information about the status and performance of the power distribution unit by **SNMP** protocol.

**Intelligent UPS capability**, connecting the battery only during periods of input power outages, saves the battery life.

## SERVICES

- 8700 mAh/24V DC backup capacity (Lithium-Ion Battery)
- Powering up to 6 independent devices (24V DC)
- Intelligent (online UPS) capability
- IP based management: remote SNMP support monitoring capacity, charging and discharging periods, battery temperature (RFC 1628 – UPS Management Information Base)
- Switchable UPS mode
- Max single load: 10A
- Total load: 15A
- Overload protection (10A) and short circuit protection per single output
- Overheat protection



### AT22101

DC Power Distribution  
& UPS Unit



## TECHNICAL SPECIFICATION

### INTERFACES

- 1 x electrical power input 24V DC, 15A max
- 6 x electrical power output 24V DC, 10A/ single output, 15A in total
- 6 x 10A thermal Circuit Breaker
- 1 x RJ-45 management port
- 1 x Status LED,
- 1 x Charging LED
- 1 x 24V LED
- 6 x LOAD status LEDs (overload indication)

### TECHNICAL PARAMETERS

Power Supply: ..... 24V DC  
Power Consumption: ..... 48W (during charging)  
Operating Temperature: ..... -20°C - +55°C  
Storage Temperature: ..... -30°C - +55°C  
Dimensions (d x w x h mm): ..... 275 x 220 x 44  
Transient  
Power Protection: ..... Surge & burst on DC input  
Weight: ..... 3,5 kg  
Other: ..... fanless

### STANDARDS

Temperatures/  
Vibrations/Shocks: ..... MIL-STD 810F(G)  
EMC Emission/Susceptibility: ..... MIL-STD 461E  
Climatic Environment: ..... MIL-STD 810C