

**QUICK REFERENCE GUIDE**  
**UPS EVER DUO AVR / DUO AVR USB**

- DUO 350 AVR
- DUO 550 AVR USB
- DUO 850 AVR USB

Note: to obtain detailed information, please read the full instruction manual, which can be downloaded from our website [www.ever.eu](http://www.ever.eu).

**2. ADDITIONAL REMARKS**

**Clearance:** >20 cm (top and side)

**Weight:** < 18 kg, 18-32 kg, 33-55 kg, > 55 kg

**Temperature:** +0 + +40°C

**Warnings:** Do not use in medical equipment, avoid high temperatures, do not use on flammable materials, do not use on a cart.

**Notes:** DUO AVR / DUO AVR USB battery back-ups are not designed to power medical equipment, in particular life support machines!  
Constant exposure of the device to environment temperature over +25°C results in reducing battery life.

**4. INSTALATION AND CONNECT**

**Power socket pin configuration**

**Output socket pin configuration**

**Correct way of connecting the UPS**

- 1) Mains
- 2) Input
- 3) Output
- 4) Load

\*For DUO AVR USB only

**1. IN THE PACKAGING**

UPS unit, Quick reference guide, Warranty card, 2x Power cord IEC 320\*, USB cable\*

\*4 & 5 only for models DUO AVR USB

**3. ELEMENTS OF THE UPS**

**a. front panel**

1) Power switch with signaling mode

**b. back panel**

1) Output sockets:  
2x PN-E-93201 (10 A)+ 1x IEC 320 C13 (10 A) - **DUO 350 AVR**  
4x IEC 320 C13 (10 A) - **DUO 550 AVR USB**,  
6x IEC 320 C13 (10 A) - **DUO 850 AVR USB**,

2) Automatic fuse  
3) USB communication port  
4) Power cord

**5. FIRST START**

1 OFF, 2 8 h, 3, 4 ON, 5 ON, 6 POBIERZ WWW.EVER.EU, 7 USB

**6. SOUND AND VISUAL SIGNALING OF SPECIFIC STATES OF THE UPS UNIT**

Event	Sound signaling	Visual signaling
MAINS (normal) mode	No sound signal.	Green LED on.
BACK-UP (battery) mode	Short sound every 30 seconds. Frequency increases proportionally to the level of discharging of the batteries. The audible alarm can be turned OFF or ON by quickly pressing the POWER switch twice.	Yellow LED blinking 1 time every 30 seconds
Low battery	Short sound every 2 seconds. The audible alarm can be turned OFF or ON by quickly pressing the POWER switch twice.	Yellow LED blinking every 2 second.
Overload	Short sound every 0,5 seconds.	RED LED blinking every 0,5 seconds
Fault mode	Continuous signal.	Red LED on.

**7. CONTACT**

**EVER Sp. z o.o.**  
ups@ever.eu | www.ever.eu  
Company Service: +48 61 6500 419 | serwis@ever.eu