



top picture: front view  
lower picture: rear view

### New from app. June 2009:

#### Audio Power Conditioner

Online double-conversion-UPS suitable for audio applications

- Ideal protection against any kind of power failure for studio-/audio-applications
- Surge protection for sat and tel.
- 1000, 1500, 2000VA
- UPS classification VFI-SS-111 (IEC 62040-3)
- Eliminates DC parts in mains
- Almost silent
- Adorable design for music studios
- User friendly LCD display
- Sine wave output
- Incl. UPS Software
- 24 month's warranty



Left hand picture:  
2U 1250Watt / 2000VA model

lower picture:  
1U 625Watt / 1000VA model



### New from app. June 2009:

#### MTD / MTD RM

New line-interactive UPS with LCD panel 1-10kVA  
2-5kVA models can be used as tower as well as rack mountable version

- UPS classification VI-SS-311 in accordance with IEC 62040-3
- User friendly LCD-Display
- sine wave output
- Management software for Windows, Novell, Unix
- Tower-version with 625Watt / 1000VA
- 1U 625Watt / 1000VA
- 2U 1250Watt / 2000VA
- 2U and bigger with turnable display for horizontal or vertical usage
- 24 month's warranty

#### - Other versions:

- 3kVA Rack-Tower, 3U
- 5kVA Rack- Tower, 3U
- 7.5kVA Rack, 3U + battery pack 3U
- 10kVA Rack, 3U + battery pack 3U



Left hand picture:  
Tower-version with  
625Watt / 1000VA



**EFFEKTA®**  
LED-Beleuchtung



**ELL-8813-1** (top picture)  
**ELL-8813-3** (right hand picture)  
Super high bright 3-watt high power LED



**New from app. June 2009:**  
**LED lighting appliances and LED lamps suitable for private and industrial environment**

- Long life, energy saving
- Constant and high efficient light output
- Solid-state, fast turn on, no power surge
- Original OSRAM®Chip for reliable quality and long-life cycle
- Designed for Linear and Switching power suppliers
- Easy installation using existing, established fixtures
- No light pollution, UV free
- Thermal management metal body



**ELL-8824-1** (top picture)  
**ELL-8824-3** (bottom picture)  
Spots for recess mounted fixture with 7 x 1Watt -LED



**ELL-8832-1** (top picture)  
LED spot for busbar system with 7 x 1 Watt-LED



**ELL-8855-1**  
(right hand picture)

Outdoor spot light with E27 fixture and 18Watt (CRee) LED

### New from app. June 2009:

#### MHD RM 10kVA

One of the nowadays smallest online double-conversion 10kVA rackmountable UPS

- UPS-electronics only 4U installation height
- Minimum of only 2 x 2U batteries
- UPS-classification VFI-SS-111 (IEC 62040-3)
- Online Double-Conversion
- Multiple microprocessor design base
- User friendly control panel with LCD
- Wide input voltage range
- Optionally parallel design
- DC start and automatic self-diagnostic function
- High capacity of battery through extension packs
- Slot for alternatively RS232, SNMP or relay card
- High efficiency design
- Low heat dissipation in long term operation
- 24 months' warranty



### New from app. June 2009:

#### MID

Line-Interactive UPS with LCD display

- 450, 650, 850, 1000, 1500, 2000VA
- UPS-classification VI-SY-333 (IEC 62040-3)
- Line-interactive-technology
- Microprocessor-based regulation
- Automatic frequency synchronization
- Overload & short circuit protection
- RS-232, and SNMP via optional adapter
- optionally USB port
- Managementsoftware for Windows '95,'98, 2000, 2003 Server, NT, XP, Vista (Business and higher), Novell, Unix
- 24 months' warranty



### New from app. June 2009:

#### Solar inverters

Solar inverters for 2500 up to 5000W power

- Transformer with highest efficiency (96.0%)
- Isolation between primary- and secondary circuit as plus for maximum safety
- Wide range of working temperature: -25°C to +70°C
- RS485 (EIA485) communication port
- Full power up to 57°C (no derating)
- Intelligent MPP-Tracking
- Suitable to operate either indoor or outdoor (IP65)
- Cooling without fan





Customers design system  
 (2 x 24.000W redundant)

**NEW already available:**

**Modular DC power supply systems 48-60V**

For various applications such as digital access, wireless base stations, microwave links as well as PABX with protected DC-connections, battery fuses LVD, and power system controller

**Applications**

- DC UPS systems
- Digital subscriber line (DSL)
- Fiber in the loop
- Transmission
- PBX
- Network components



2x600W



4x600W



4 x 1600W



WRS-model  
 (sine wave output)



WR-model  
 (modified sine wave)

**NEW already available:**

**Mobile inverters**

The EFFEKTA® inverters with sine wave output or with modified sine wave are suitable in the low and middle performance range as AC power supplies for industrial and mobile applications.

- Output voltage 230VAC
- Input voltage 12, 24 or 48VDC
- Battery low alarm
- Overload-/ voltage reversal-/short circuit-safe
- Screwable terminals on the rear side
- 24 months' warranty