



LOCAL AREA NETWORKS (LAN)



SERVERS



DATA CENTERS



CASH REGISTERS



TELECOMMUNICATION DEVICES



INDUSTRIAL PLCS



EMERGENCY DEVICES (Lights/Alarms)

critical
POWER SUPPLIES

Dialog Plus Rack

700-3000 VA

single-phase

Dialog Plus Rack 700-3000 VA



For outstanding power protection and communication DIALOG PLUS RACK is the best solution for sensitive and "mission-critical" applications. The DIALOG PLUS RACK series comprises the 700-1000-1500-2200-3000VA models and uses double conversion technology (VFI). The load is powered continuously by the inverter with an EMI filtered, stabilised and regulated sinewave supply.

The input and output EMI filters considerably increase the immunity of the load to mains disturbances and surges, even on bypass. The UPS can power the load for long periods (using battery extension packs) or provide sufficient runtime to allow shut-down of the protected computer systems using the PowerShield³ software, supplied as standard. DIALOG PLUS RACK -ER models are supplied with a larger internal charger and with their matching external battery extension packs can achieve long back up times.

CHARACTERISTICS

- Reliable, stabilised, filtered voltage double on-line conversion technology (VFI according to EN62040-3 specifications) with filters for the suppression of atmospheric disturbances
- High overload capability (up to 150%)
- Auto restart when mains power returns (programmable)
- Power factor correction with sinusoidal input to ensure a low impact on the mains supply (UPS input power factor, close to 1)
- Wide input voltage range (110-300Vac) to reduce battery usage

- Integrated protection for PC networks and telephone line/modem connections RJ45-RJ11
- Option to extend the back up time to several hours
- Programming of operating functions via software
- Timer for scheduled shut-down (software programmable)
- High level reliability of the batteries (automatic and manual test)
- High level reliability of the UPS (full microprocessor control)
- Breaker based input protection.

ADVANCED COMMUNICATION

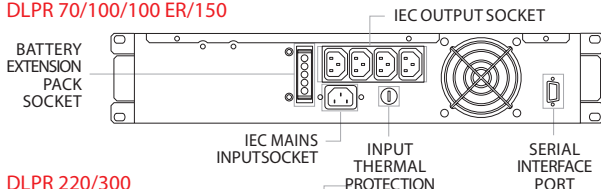
- Advanced, multi-platform communication for all operating systems and network environments: PowerShield³ monitoring and shut-down software included, for Windows 2008, Vista, 2003, XP; Mac OS X, Linux, Novell and most popular Unix operating systems.
- The UPS is supplied with a communication cable for Plug and Play PC connection
- UPS tools configuration software
- Emergency Power Off (EPO) contact
- RS232 serial port
- Slot-in SNMP network adapter card.

2 YEAR WARRANTY

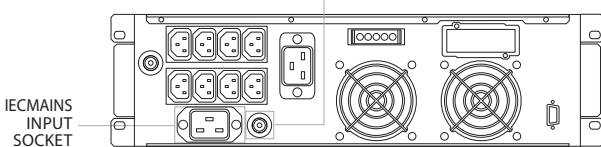
| MODELS | DLPR 70 | DLPR 100 | DLPR 100 ER | DLPR 150 | DLPR 220 | DLPR 220 ER | DLPR 300 | DLPR 300 ER |
|---------------------------|--|-------------|-------------|----------------|----------------|-------------------------------|----------------|----------------|
| POWER | 700VA/490W | 1000VA/700W | | 1500VA/1050W | 2000VA/1400W | | 3000VA/2100W | |
| INPUT | | | | | | | | |
| Rated voltage | 220-230-240 Vac | | | | | | | |
| Minimum input range | 110V up to 60% of load /120V from 60% to 70% of load /140V from 70 to 80% of load /160V from 80% to 100% of load | | | | | | | |
| Maximum input range | 300 V | | | | | | | |
| Rated frequency | 50/60 Hz ±5Hz | | | | | | | |
| Rated current (A) | 2.5 | 3.5 | 5.2 | 6.8 | 10 | 13.8 | 14.4 | 16 |
| Power factor | > 0.97 | | | | | | | |
| BY PASS | | | | | | | | |
| Voltage tolerance | static ± 1.5% | | | | | | | |
| Frequency tolerance | ±5Hz | | | | | | | |
| BATTERIES | | | | | | | | |
| Type | VRLA AGM Maintenance-free lead-acid | | | | | | | |
| Recharge time | 4 h | | | | | | | |
| OUTPUT | | | | | | | | |
| Rated voltage | 220 or 230 or 240 Vac selectable ± 1,5% | | | | | | | |
| Waveform | Sinewave | | | | | | | |
| Voltage distortion | < 2% | | | | | | | |
| Frequency | 50 or 60 Hz selectable | | | | | | | |
| Frequency tolerance | ± 0.5 % | | | | | | | |
| Crest factor (Ipeak/Irms) | 3: 1 (up to 100% of load) | | | | | | | |
| Overloads | 110% 30'; 130% 30'; 150% 10" | | | | | | | |
| Output sockets | 4 IEC 320 10A | | | | | 4 IEC 320 10A + 1 IEC 320 16A | | |
| ENVIRONMENTAL | | | | | | | | |
| Weight (kg) | 13 | 16 | 9 | 21 | 38 | 13 | 39 | 14 |
| Dimensions (HxWxD) (mm) | 2U x 19" x 390 | | | 2U x 19" x 480 | 3U x 19" x 560 | 2U x 19" x 480 | 3U x 19" x 560 | 2U x 19" x 480 |
| AC/AC Efficiency | 90% | | | | | | | |
| Communication | RS232 + communication interface slot | | | | | | | |
| Operating temperature | 0°C ÷ +40°C, ideal for battery 15°C ÷ +25°C | | | | | | | |
| Relative humidity | < 95% non condensing | | | | | | | |
| Protection | Overload - short-circuit - overvoltage - undervoltage - temperature - low battery | | | | | | | |
| Compliance | EN 62040-1 EMC EN 62040-2 Directives 2006/95/EC - 2004/108/EC; EN 62040-3 | | | | | | | |
| Surge capability | 3KA 8/20 µs | | | | | | | |
| Colour | Dark grey RAL 5004 | | | | | | | |
| Noise | < 40 dBA at 1 m | | | | | | | |

Product characteristics can be customised to meet client specifications.

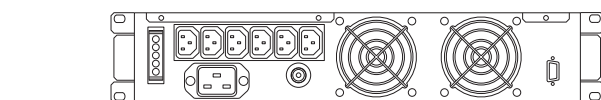
DLPR 70/100/100 ER/150



DLPR 220/300



DLPR 220 ER/300 ER



| OPTIONS | |
|--|--|
| Extended runtime solutions, except for the DLPR 70 model | |
| Multipass (mm/kg): 2U x 438 x 360 - rack version weight 6.8 kg | |

| B.B. MODELS | BBR 36-07 / 36-14 | BBR 48-07 / 48-14 | BBR 96-07 |
|-----------------------------|--------------------------|-------------------|-----------------|
| DLPR MODELS | DLPR 100/ER | DLPR 150 | DLPR 220-300/ER |
| Dimensions(mm) h x w x d | | | |
| | 2U = 88 mm; 19" = 488 mm | | |

TECHNICAL DETAILS

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