

Local Area Networks (LAN)
Servers
Data centers
Industrial PLCs
Cash registers
Emergency devices (lights/alarms)
Telecommunication devices

DIALOG Plus Rack

700-3000VA single-phase



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 **PowerShield²** software, supplied as standard, for Windows 95, 98, 2000, Me, XP, 2003, Mac OSx, 9.x, Linux, NT 4.0, Novell operating systems.

For outstanding power protection and communication **DIALOG PLUS RACK** is the best solution for sensitive and "mission-critical" applications.

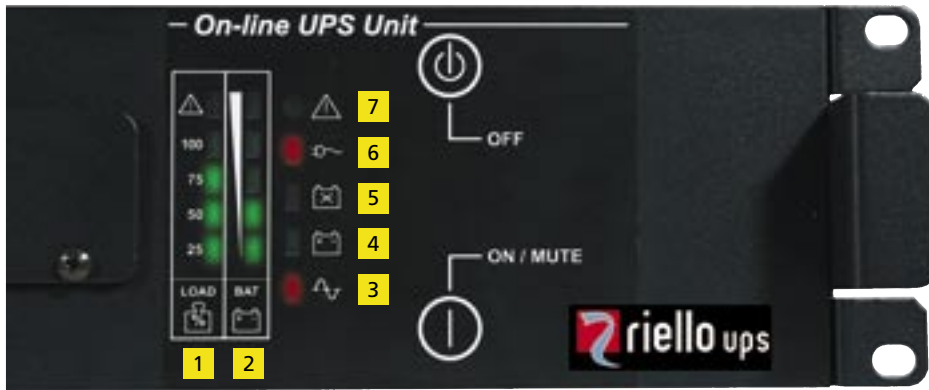


CHARACTERISTICS

- 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)
- GS-TÜV certification
- 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.

2-YEAR WARRANTY

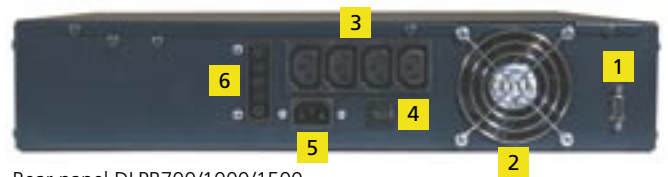




1. Load level indicator
2. Battery level indicator
3. Mains mode indicator
4. Battery mode indicator
5. Battery failure indicator
6. Load powered by bypass indicator
7. "Fault/Stand-by" indicator

ADVANCED COMMUNICATION

- advanced, multi-platform communication for all operating systems and network environments:
 - PowerShield²** supervision and shut-down software included, with SNMP agent, for Windows 95, 98, NT 4.0, 2000, 2003, Me, XP, Novell, Linux, Mac Os X, Mac Os 9.x 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.



Rear panel DLPR700/1000/1500



Rear panel DLPR2200/3000



Rear panel Battery box

1. Serial interface port
2. Cooling fan
3. IEC output plug (max. 10A)
4. Input thermal protection
5. IEC mains input socket
6. Battery extension pack socket from 1kVA models upwards
7. IEC 16A output socket



MODELS	DLPR 70	DLPR 100	DLPR 100ER	DLPR 150
POWER	700VA/490W	1000VA/700W	1000VA/700W	1500VA/1050W
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 Vac			
Rated frequency	50/60 Hz \pm 5Hz			
Frequency	50 Hz			
Rated current (A)	2.5	3.5	5.2	6.8
Power factor	> 0.97			
BY PASS				
Voltage tolerance	static \pm 1.5%			
Frequency tolerance	\pm 0,5%			
BATTERIES				
Type	Maintenance-free sealed lead-acid			
Recharge time	4 h			
Recharge current	1A	1A	4A	1A
OUTPUT				
Rated voltage	220 or 230 or 240 Vac selectable \pm 1,5%			
Waveform	Sinewave			
Voltage distortion	< 2%			
Frequency	50 or 60 Hz selectable			
Frequency tolerance	\pm 0,5 %			
Crest factor (Ipeak/Irms)	3 : 1 (up to 100% of load)			
Overload	110% 30'; 130% 30"; 150% 10"			
Output sockets	4 IEC 320 10A			
ENVIRONMENTAL				
AC/AC Efficiency	90%			
Interface ports	RS 232; communication slot			
Operating temperature	0 \div 40 °C, ideal for battery +15 \div +25 °C			
Humidity	< 95% non condensing			
Protection	Overload - short-circuit - overvoltage - undervoltage - temperature - low battery			
Safety compliance	EN 62040-1-1 and Directive 73/23/EEC EN 62040-2 cl. B and Directive 89/336/EEC, EN 62040-3 (capabilities)			
Surge capability	3KA 8/20 μ s			
Colour	Dark grey RAL 5004			
Noise	<40 dBA at 1m			
OPTIONS				
Extended runtime solutions	-		yes	
PowerShield ²	Standard version included (for accessories see software section p. 46)			
Netman 102	yes (for accessories see software section p. 49)			
Multicom 352	yes (for accessories see software section p. 50)			
Multicom 302	yes (for accessories see software section p. 50)			
Multi Pass 16 (hwd) mm/kg	2Ux438x360 - rack version weighs 6,8 (for accessories see software section p. 54) 180x300x115 - box version weighs 3,3 (for accessories see software section p. 54)			
Weight (kg)	13	16	9	21
Dimensions (hwd) (mm)	2Ux19"x390			2Ux19"x480
Back-up (min)	8*		0*	8*

* According to load applied.

Product characteristics can be customised to meet client specifications.



MODELS	DLPR 220	DLPR 220ER	DLPR 300	DLPR 300ER
POWER	2200VA/1540W	2200VA/1540W	3000VA/2100W	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 Vac			
Rated frequency	50/60 Hz \pm 5Hz			
Frequency	50 Hz			
Rated current (A)	10	13,8	14,4	16
Power factor	> 0.97			
BY PASS				
Voltage tolerance	static \pm 1.5%			
Frequency tolerance	\pm 0,5%			
BATTERIES				
Type	Maintenance-free sealed lead-acid			
Recharge time	4 h			
Recharge current	1A	8A	1A	8A
OUTPUT				
Rated voltage	220 or 230 or 240 Vac selectable \pm 1,5%			
Waveform	Sinewave			
Voltage distortion	< 2%			
Frequency	50 or 60 Hz selectable			
Frequency tolerance	\pm 0,5 %			
Crest factor (I _{peak} /I _{rms})	3 : 1 (up to 100% of load)			
Overload	110% 30'; 130% 30"; 150% 10"			
Output sockets	4 IEC 320 10A		4 IEC 320 10A + 1 16A	
ENVIRONMENTAL				
AC/AC Efficiency	90%			
Interface ports	RS 232; communication slot			
Operating temperature	0 ÷ 40 °C, ideal for battery +15 ÷ +25 °C			
Humidity	< 95% non condensing			
Protection	Overload - short-circuit - overvoltage - undervoltage - temperature - low battery			
Safety compliance	EN 62040-1-1 and Directive 73/23/EEC EN 62040-2 cl. B and Directive 89/336/EEC, EN 62040-3			
Surge capability	3KA 8/20 μ s			
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Multi Pass 16 (hwd) mm/kg	2Ux438x360 - rack version weighs 6,8 (for accessories see software section p. 54) 180x300x115 - box version weighs 3,3 (for accessories see software section p. 54)			
Weight (kg)	11+27	13	12+27	14
Dimensions (hwd) (mm)	(2+2)Ux19"x480	2Ux19"x480	(2+2)Ux19"x480	2Ux19"x480
Back-up (min)	12*	0*	8*	0*

* According to load applied.

Product characteristics can be customised to meet client specifications.