

DIALOG ACTIVE-R

2200VA-5000VA



The Dialog Active-R range uses advanced digital line interactive (VI) technology to support loads up to 5kVA.

The load is powered by the UPS from a mains supply filtered and stabilised by an Automatic Voltage Stabiliser (AVS) to remove sags, surges and brownouts. When the mains fails or fluctuates wildly the load is powered by the inverter with a pure sinewave supply. Runtimes from several minutes to many hours can be achieved using matching battery extension trays (REPs). The PowerShield² software supplied with each UPS can provide an automatic orderly shutdown of connected loads before the battery is exhausted, and UPS management across a network.

INDICATIONS AND CONTROLS

- 1 Battery charge %
- 2 Load %
- 3 Input voltage/Battery charge
- 4 Mains out of range
- 5 Stand-by
- 6 Over temperature
- 7 Wait
- 8 Alarm
- 9 UPS ON
- 10 Alarm reset

APPLICATIONS

- Small/medium computer networks
- Local Area Networks (LANs)
- Workstations
- Servers
- PoS (Point of Sale) systems

FEATURES

- Advanced digital line interactive (VI) technology
- Spike, noise, sag, surge and brownout protection
- Sinewave supply on inverter with less than 2% harmonic distortion
- High level surge immunity (6kV to IEC801-5)
- Low power consumption
- Cold-start facility to allow the UPS to power up without a mains supply
- Built-in battery test facility

ADVANCED COMMUNICATION

- Advanced, multi-platform communication for all operating systems and network environments: PowerShield² monitoring and control software included, with SNMP agent, for Windows 95, 98, 2000, Me, NT 4.0, Novell operating systems. The UPS is supplied with a cable for direct connection to a PC (Plug and Play)
- USB or RS232 serial port (selectable)
- SNMP network adapter card

TECHNICAL DATA

MODEL	2200VA	3000VA	4000VA	5000VA
INPUT				
Rated voltage	220-240Vac			
Voltage range	230Vac(-24/+23%)			
Frequency	50Hz			
OUTPUT				
Rated voltage	220-230-240Vac			
Voltage on mains	230Vac(-12/+12%)			
Frequency	50Hz			
Voltage on battery	230Vac±2%			
Waveform	Sinewave			
Crest factor	4:1			
Distortion	<2%			
BATTERIES				
Type	Maintenance-free sealed lead-acid			
Recharge time	4-6h			
OTHER DATA				
Operating temperature	0-40°C			
Humidity	<90%			
Safety compliance	EN 50091-1-1 and Directive 73/23 EEC, Directive 93/68 EEC			
EMC conformance	EN 50091-2 cl. A and Directive 89/336 EEC			
Surge capability	480 Joules/6.5kA			
Enclosure protection rating	IP21			
Colour	light grey RAL 5004			
Noise	<35dBA at 1m			

Model No	Power	Back-up at full load	Dimensions (W x D x H) mm	Weight (Kg)
DLB2K2VA007	2200VA/1540W	6m*	240 x 590 x 520	44
DLB3KVA007	3000VA/2100W	6m*	240 x 590 x 520	54
DLB4KVA007	4000VA/2800W	6m*	240 x 590 x 520	62
DLB5KVA007	5000VA/3500W	6m*	240 x 590 x 520	75

*Load dependent

TECHNICAL DATA

TYPICAL BATTERY EXTENSION PACKS

UPS Model No	Back-up at full load	Battery Extension Packs Model No	Qty	Dimensions (W x D x H) mm	Weight (Kg)
DLB2K2VA007	14m	BEP072007E/01	1	240 x 590 x 260	23
	37m	BEP072024X/51	1	205 x 635 x 500	73
	1h	BEP072038X/52*	1	205 x 635 x 500	103
DLB3KVA007	15m	BEP108007E/01	1	240 x 590 x 260	32
	27m	BEP108007E/01	2	240 x 590 x 260	32
	1h13	BEP108038X/02A*	1	205 x 635 x 500	68
	-	BEP108038X/02B	1	205 x 635 x 500	68
DLB4KVA007	15m	BEP144007E/01	1	240 x 590 x 260	41
	27m	BEP144007E/01	2	240 x 590 x 260	82
	1h15	BEP144038X/02A*	1	205 x 635 x 500	103
	-	BEP144038X/02B	1	205 x 635 x 500	103
DLB5KVA007	15m	BEP180007E/01	1	240 x 590 x 260	50
	27m	BEP180007E/01	2	240 x 590 x 260	50
	40m	BEP180007E/01	3	240 x 590 x 260	50
	1h16	BEP180038X/02A*	1	205 x 635 x 500	88
	-	BEP180038X/02B	1	205 x 635 x 500	88
	-	BEP180038X/02C	1	205 x 635 x 500	88

*Denotes that the battery pack has its own built-in charger

OPTIONS

- USB signal converter
- Volt-free signal converter
- Emergency Power Off (EPO) 3-5kVA
- SNMP network adapter
- Wall mounted maintenance bypass with manual and automatic transfer
- Isolation (Galvanic) pack (common mode and electrical noise filter)
- Isolation (Galvanic) pack (common mode and electrical noise filter) with built-in manual and automatic transfer
- Voltage conversion pack (110/230 and 230/110V)
- Voltage conversion pack (110/230 and 230/110V) with built-in and automatic transfer
- 19" rackmount trays and PowerRak cabinet system - see page 60
- PowerShield² UPS monitoring and control software, and SNMP solutions - see page 64
- Service and maintenance plans - see page 67

TECHNICAL DATA

Model No	Power	Back-up at full load	Dimensions (W x D x H) mm	Weight Kg
RLB2K2VA007	2kVA/1k5W	0m	483 x 490 x 178 (4U)	21
RLB3KVA007	3kVA/2k1W	0m	483 x 490 x 178 (4U)	22
RLB4KVA007	4kVA/2k8W	0m	483 x 490 x 178 (4U)	22
RLB5KVA007	5kVA/3k5W	0m	483 x 490 x 178 (4U)	25

TYPICAL BATTERY EXTENSION PACKS

UPS Model No	Back-up at full load	Battery Extension Trays Model No	Qty	Dimensions (W x D x H) mm	Weight Kg
RLB2K2VA007	6m	REP072007F/01	1	483 x 490 x 133 (3U)	23
	12m	REP072007F/01	2	483 x 490 x 133 (3U)	23
RLB3KVA007	6m	REP108007F/01	1	483 x 490 x 133 (3U)	32
	12m	REP108007F/01	2	483 x 490 x 133 (3U)	32
RLB4KVA007	6m	REP144007F/01	1	483 x 490 x 133 (3U)	41
	12m	REP144007F/01	2	483 x 490 x 133 (3U)	41
RLB5KVA007	6m	REP180007F/01	1	483 x 490 x 133 (3U)	50
	12m	REP180007F/01	2	483 x 490 x 133 (3U)	50

OPTIONS

- USB signal converter
- Volt-free signal converter
- Emergency Power Off (EPO) 3-5kVA
- SNMP network adapter
- Remote status panel with LEDs
- 19" rack mounted maintenance bypass with manual and automatic transfer
- 19" PowerRak cabinet
- Isolation (Galvanic) tray (common mode and electrical noise filter)
- Isolation (Galvanic) tray (common mode and electrical noise filter) with built-in manual and automatic transfer
- Voltage conversion tray (110/230 and 230/110V)
- Voltage conversion tray (110/230 and 230/110V) with built-in and automatic transfer
- PowerShield² UPS monitoring and control software, and SNMP solutions