

## Keor LP

On-line double conversion UPS (tower) - single phase VFI



For security systems, lighting systems, CCTV, servers  
 Ideal for environments with frequent electrical disturbances  
 Installation: downstream power generators  
 Advanced management depending on the battery discharge level  
 Self-diagnosis  
 Power factor: 0.9  
 Automatic internal bypass, manual bypass for external maintenance (optional)  
 Integrated slot for installing a communication interface for Ethernet network connection, to be ordered separately  
 Cold Start function  
 Microprocessor control  
 Telephone line/Internet protection (RJ 11/RJ 45)  
 Internal network interface Cat.No 3 108 82 for remote protection of equipment and systems  
 Remote emergency shutdown function ("Emergency Power Off" - EPO)

Pack	Cat.Nos	UPS with IEC sockets				
		Nominal power (VA)	Active power (W)	Backup time (min)	No. of sockets IEC (10 A)	Weight (kg)
1	3 101 54	1000	900	5	3	10
1	3 101 56	2000	1800	5	6	17
1	3 101 58	3000	2700	5	6	23

### Additional battery cabinets

	Cat.No	Description
1	3 105 98 <sup>1</sup>	For UPS Cat.No 3 101 54
1	3 105 99 <sup>1</sup>	For UPS Cat.No 3 101 56
1	3 106 00 <sup>1</sup>	For UPS Cat.No 3 101 58

	Cat.No	Description
1	3 109 58	For battery cabinet Cat.No 3 105 98
1	3 109 60	For battery cabinet Cat.No 3 105 99
1	3 109 61	For battery cabinet Cat.No 3 106 00

### Accessories

1	3 109 53	External manual bypass for Daker DK and Keor LP 1000-2000-3000
1	3 109 69	Volt-free contact card

### Communication accessory

1	3 109 31	Standard interface for internal network (cards) Connected to the IP network and equipped with management software, the interface allows the protection of one or more devices, or remote systems Ensures control and supervision of the UPS and shared equipment, sends alerts (e-mails or messages), and turns off/restarts computers Technical characteristics, see p. 703
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<sup>1</sup>: Battery included  
 NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

## Keor LP

technical characteristics

### Technical characteristics

Cat.Nos	3 101 54	3 101 56	3 101 58
<b>General characteristics</b>			
Nominal power (VA)	1000	2000	3000
Active power (W)	900	1800	2700
Technology	On-line double conversion VFI-SS-111		
Waveform	Sinusoidal		
Architecture	UPS with extendable backup time		
<b>Input characteristics</b>			
Input voltage	230 V		
Input frequency	45-65 Hz ±2 % Autosensing		
Input voltage range	210 V - 240 Vac full load		
Input power factor	> 0,99		
<b>Output characteristics</b>			
Output voltage	230 V ± 1 %		
Efficiency	Up to 96 % (in Eco mode)		
Output frequency (nominal)	50/60 Hz synchronised		
Peak factor	3 : 1		
THD of output voltage	<3% with linear load		
Permitted overload:			
- ONLINE mode	<105%		
- 10 sec.	121 to 150%		
- 30 sec.	106 to 120%		
- instant transfer to bypass	>151%		
Bypass	Automatic (included) and external manual (optional)		
<b>Batteries</b>			
Backup time extension	Yes		
Battery voltage	24 Vdc	48 Vdc	72 Vdc
Backup time (min)	5		
<b>Communication and management</b>			
Screen and signalling	Multi-coloured LED status indicator, alarms and audible signalling		
Communication ports	1 RS232 serial port, 1 slot for network interface connection (ex. CS121)		
Emergency Power Off (EPO)	Yes		
Remote control	Software can be downloaded free of charge		
<b>Mechanical characteristics</b>			
Dimensions (H x W x D) (mm)	236 x 144 x 367	322 x 151 x 444	322 x 189 x 444
Dimensions of battery cabinet (H x W x D) (mm)	322 x 151 x 444	322 x 151 x 444	322 x 151 x 444
Battery cabinet Net weight (kg)	31	31	31
<b>Ambient conditions</b>			
Ambient operating temperature (°C)	0 to 40		
Relative humidity (%)	20 to 80 non condensing		
Noise at 1 m (dBA)	< 50		
<b>Certifications</b>			
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3		

