Keor LP

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

3 101 54 3 101 56 3 101 58

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)	Back-up 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[2]		3000	2700	5	6	23
		Additional battery cabinets					
		Battery cabinets					
1	3 105 98[1]	For UPS Cat.No 3 101 54					
1	3 105 99[1]	For UPS Cat.No 3 101 56					
1	3 106 00[1]	For UPS Cat.No 3 101 58					
		Additional battery chargers					
1	3 109 58	For battery cabinet Cat.No 3 105 98					
1	3 109 60[2]	For battery cabinet Cat.No 3 105 99					
1	3 109 61[2]	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. 933					

1: Battery included
2: Available until stock lasts
NOTE: The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment

UPS Management Software and communication accessories available on **ups.legrand.com**

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technical characteristics

Technical characteristics

Cat.Nos	3 101 54	3 101 56	3 101 58
General characteristics			
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 back-up time		
Input characteristics			
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		
Output characteristics			
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 - 10 sec. - 30 sec. - instant transfer to bypass	<105% 121 to 150% 106 to 120% >151%		
Bypass	Automatic (included) and external manual (optional)		
Batteries			
Back-up time extension	Yes		
Battery voltage	24 Vdc	48 Vdc	72 Vdc
Back-up time (min)	5		
Communication and management			
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		
Mechanical characteristics			
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
Environmental conditions			
Ambient operating temperature (°C)	0 to 40		
Relative humidity (%)	20 to 80 non condensing		
Noise at 1 m (dBA)	< 50		
Estimated content of circular economy derived materials	≃ 30%		
Recyclability rate calculated using the method described in technical report IEC/TR 62635 (1)	≃ 52%		
Certifications			
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3		

1: This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for end-of-life of this product

1000 VA	2000 VA	3000 VA