

# KEOR LP

SINGLE-PHASE  
UPS  
from 1000 to 3000 VA



GLOBAL SPECIALIST IN ELECTRICAL  
AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**<sup>®</sup>

# KEOR LP SINGLE PHASE UPS

On-Line double  
conversion UPS for low  
and medium power  
applications

The distributed power, from 1000 VA to 3000 VA, provides high level electrical protection for medium power devices.

The UPS comprise a single card with incorporates power, control logic, control and diagnostics.

All models have a backup time that can be extended by adding battery cabinets.

All versions have a slot for connecting SNMP communication interfaces.



# KEOR LP

## UPS - Single phase On-line double conversion VFI



3 101 54      3 101 56      3 101 58

Pack	Cat. Nos.	UPS WITH IEC SOCKETS					WEIGHT (kg)
		NOMINAL POWER (VA)	ACTIVE POWER (W)	BACKUP TIME (min)	NO. OF SOCKETS IEC 10A	NO. OF FRENCH SOCKET	
	<b>3 101 54</b>	1000	900	5	3	-	10
	<b>3 101 56</b>	2000	1800	5	6	-	17
	<b>3 101 58</b>	3000	2700	5	6	-	23

	Cat. Nos.	UPS WITH FRENCH STANDARD SOCKETS					WEIGHT (kg)
		NOMINAL POWER (VA)	ACTIVE POWER (W)	BACKUP TIME (min)	NO. OF SOCKETS IEC 10A	NO. OF FRENCH SOCKET	
	<b>3 101 55</b>	1000	900	5	3	1	10
	<b>3 101 57</b>	2000	1800	5	3	2	17
	<b>3 101 59</b>	3000	2700	5	6	2	23

### MISCELLANEOUS ACCESSORIES

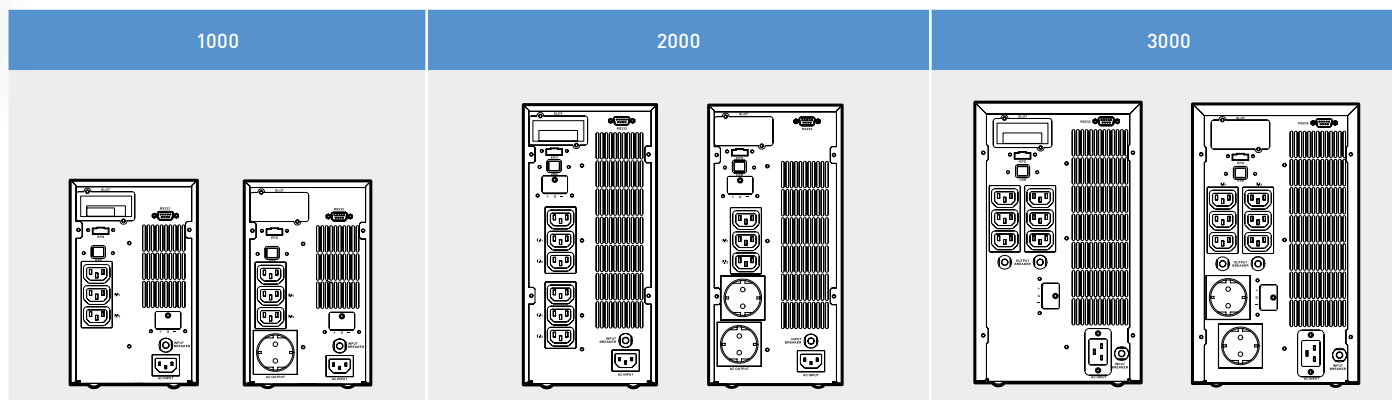
#### DESCRIPTION

- 3 105 98\*** Additional battery cabinet for 3 101 54 - 3 101 55
- 3 105 99\*** Additional battery cabinet for 3 101 56 - 3 101 57
- 3 106 00\*** Additional battery cabinet for 3 101 58 - 3 101 59
- 3 109 58** Additional battery charger for battery cabinet 3 105 98
- 3 109 60** Additional battery charger for battery cabinet 3 105 99
- 3 109 61** Additional battery charger for battery cabinet 3 106 00
- 3 109 53** Bypass

\*Battery included

**NOTE:** The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment.

Cat. Nos.	3 101 54 3 101 55	3 101 56 3 101 57	3 101 58 3 101 59
<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 $\pm 2\%$ Autosensing		
Input voltage range	210 V $\pm 240$ Vac at 100% load		
Input power factor	$> 0,99$		
<b>Output characteristics</b>			
Output voltage	230 V $\pm 1\%$		
Efficiency	Up to 90 %		
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 $\pm$ 150%		
- 30 sec.	106 $\pm$ 120%		
- instant transfer to bypass	$> 151\%$		
Bypass	Automatic, internal, synchronised, electromechanical (for overloads and operating problems)		
<b>Batteries</b>			
Backup time extension	Si		
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 $\div$ 40		
Relative humidity (%)	20 $\div$ 80 non condensing		
Noise at 1 m (dBA)	$< 50$		
<b>Certifications</b>			
Reference product standards	EN 62040-1, EN 62040-2		





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