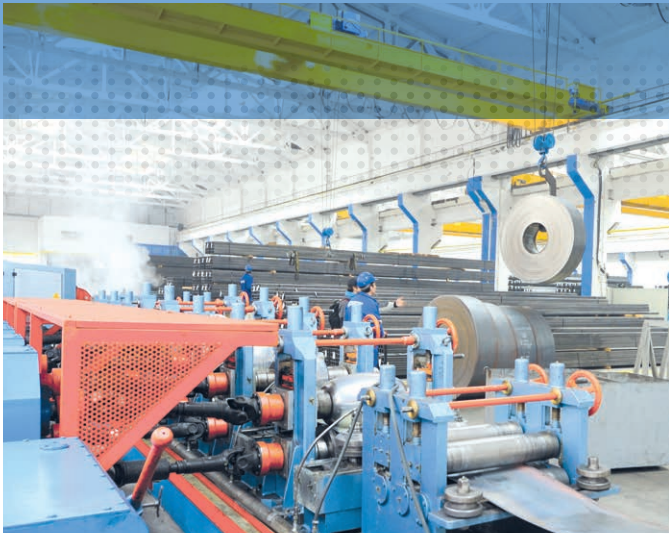


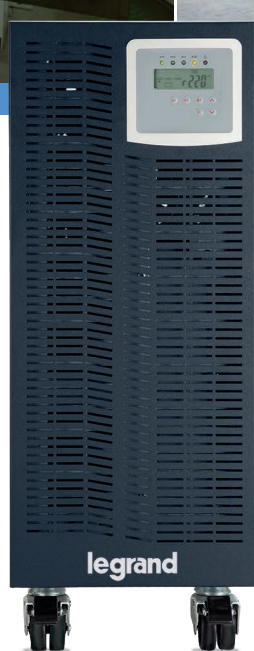
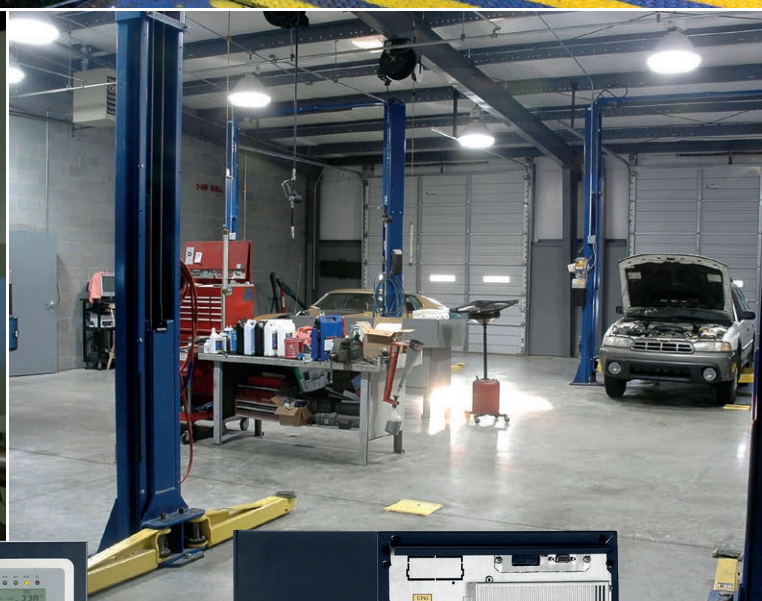
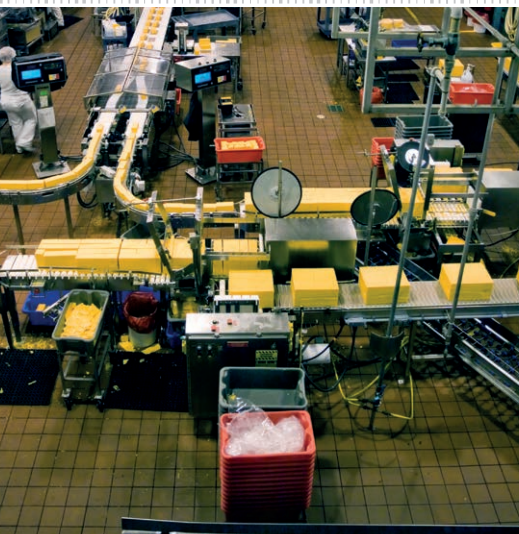
KEOR S

SINGLE PHASE UPS from 3 to 10 kVA



GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES





KEOR S

SINGLE PHASE UPS DESIGNED FOR INDUSTRIAL APPLICATIONS

Compact and robust, Keor S is the perfect UPS to protect and supply loads in the industrial fields.

Power Range From 3 KVA up to 10KVA

Power factor 0,9 ¹

High Efficiency up to 94%

Built in paralleling feature up to 4 units ²

Built in Back Feed Protection

Protection Degree IP31

Long back up time availability

Integrated maintenance bypass ²

**Integrated internal isolation
transformer option**

¹0,8 for 3kVA

²Only available for 6 and 10kVA models



User friendly Display



**Remote control &
Monitoring Supervision**



Easy to move

KEOR S

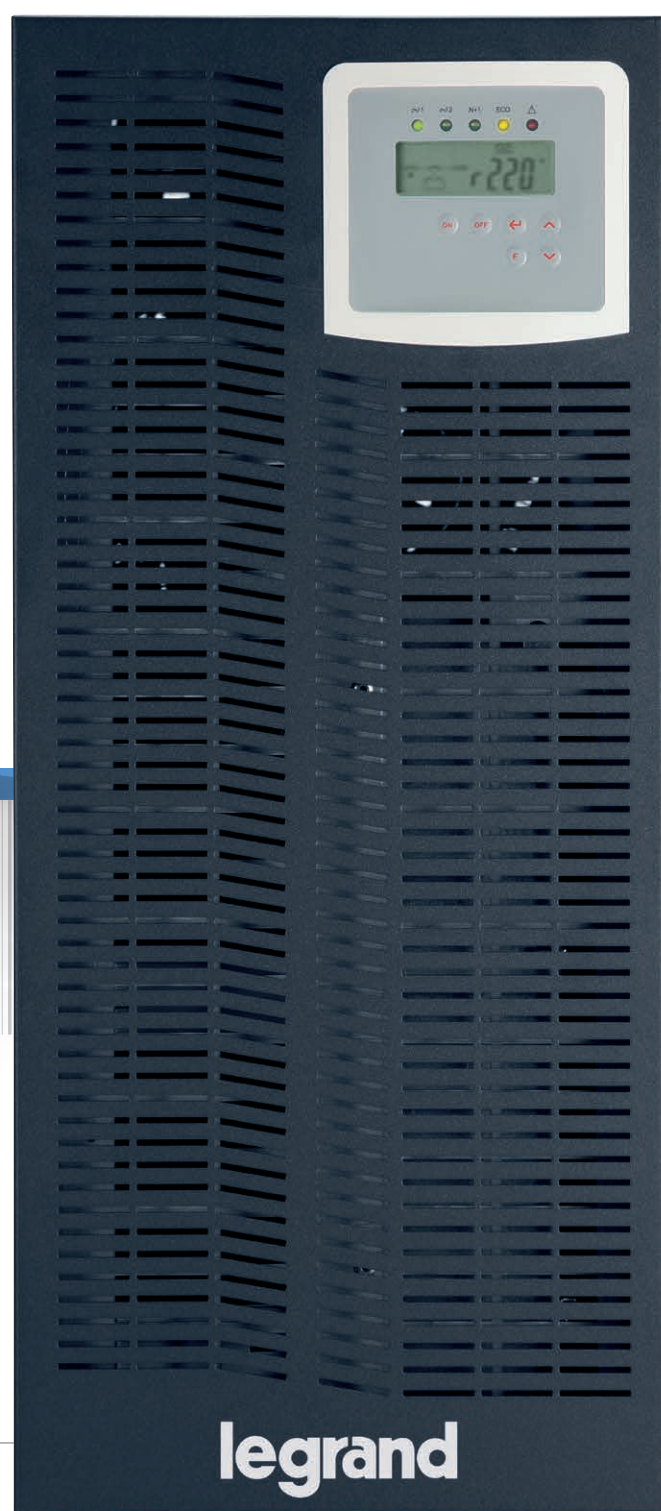
ONLINE single phase

The integrated maintenance bypass simplifies the maintenance operations, increases the service continuity and helps to reduce the complexity of the installations.

Easy access to circuit breakers, INPUT/OUTPUT terminals, maintenance bypass and communication port



on line UPS
compact and easy
to move



DISPLAY

All parameters & status of the ups is available on the display:

- Input voltage



- Input frequency



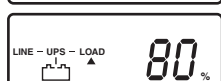
- Output voltage



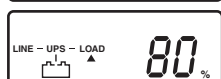
- Output frequency



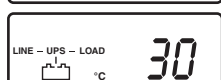
- % load



- Battery voltage



- Internal temperature



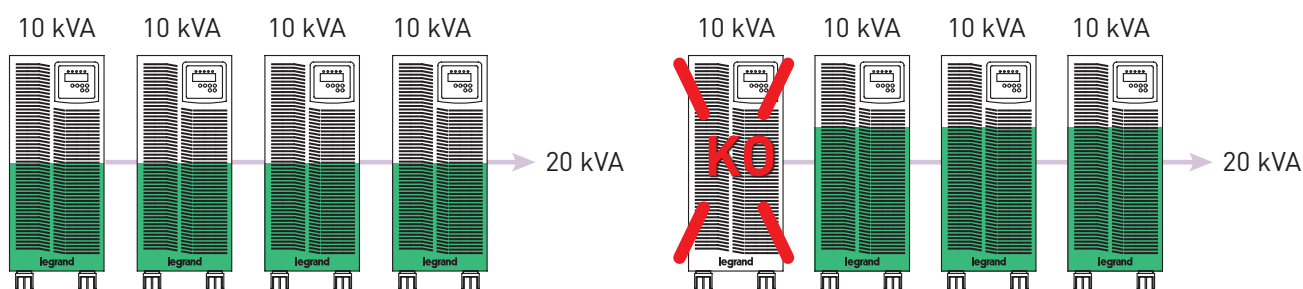
ADDITIONAL BATTERY CHARGER

Thanks to the external additional charger we can propose short recharge times also on the long back up time configurations.



PARALLEL REDUNDANT APPLICATIONS UP TO 4 UNITS

UPS built in paralleling function and ready to actuate on site easily up to 4 units for 6 and 10 kVA. This architecture eliminates risk of single point of failure.



KEOR S

Conventional UPS - Single-phase On-line double conversion



3 101 21



3 107 41

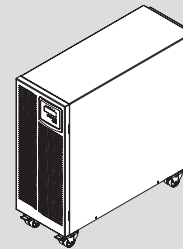
Pack	Cat. Nos.	SINGLE-PHASE UPS			
		NOMINAL POWER VA	ACTIVE POWER W	BACKUP TIME (MIN.)	NET WEIGHT (kg)
	3 101 21	3000	2400	10	53
	3 101 22	3000	2400	27	75
	3 101 23	3000	2400	50	97
	3 101 28	6000	5400	22	106
	3 101 31	10000	9000	10	114

SINGLE-PHASE UPS WITH ISOLATION TRANSFORMER					
		NOMINAL POWER VA	ACTIVE POWER W	BACKUP TIME (MIN.)	NET WEIGHT (kg)
	3 101 25	3000	2400	10	85
	3 101 29	6000	5400	0	100
	3 101 35	10000	9000	0	126

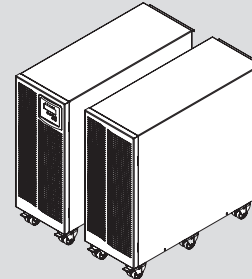
BATTERY CABINET	
	DESCRIPTION
3 107 40	Empty battery cabinet
3 107 41	Battery cabinet with 2x6x12 Ah (for KEOR S 3000)
3 107 42	Battery cabinet with 3x6x12 Ah (for KEOR S 3000)
3 107 43	Battery cabinet with 6x6x12 Ah (for KEOR S 3000)
3 107 44	Battery cabinet with 20x12 Ah (for KEOR S 6000-10000)
3 107 45	Battery cabinet with 2x20x12 Ah (for KEOR S 6000-10000)

ACCESSORIES	
	DESCRIPTION
3 109 61	Battery charger for additional battery cabinet (for 3 107 41 - 3 107 42 - 3 107 43)
3 109 54	Battery charger for additional battery cabinet (for 3 107 44 - 3 107 45)

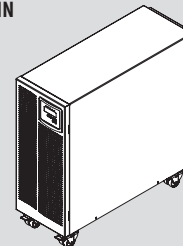
UPS WITH INTERNAL BATTERIES BACKUP TIME UP TO 50 MIN FOR 3 KVA



UPS FOR LONG AUTONOMY WITH ADDITIONAL BATTERY CABINET



UPS WITH ISOLATION TRANSFORMER BUILT IN



REAR PANNEL



Long backup time table

Power	UPS	Battery cabinet	Back up time (min.)
6000	3 101 28	3 107 44	55
6000	3 101 28	3 107 45	85
10000	3 101 31	3 107 44	27
10000	3 101 31	3 107 45	50
6000	3 101 29	3 107 45	55
6000	3 101 29	3 107 44	22
10000	3 101 35	3 107 44	10
10000	3 101 35	3 107 45	27

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

KEOR S

Conventional UPS - Single-phase On-line double conversion

Model.	KEOR S 3kVA	KEOR S 6kVA	KEOR S 10kVA
General characteristics			
Nominal power (VA)	3000	6000	10000
Active power (W)	2400	5400	9000
Technology	On-line double conversion		
Waveform	Sinusoidal		
Architecture	conventional UPS		
Input characteristics			
Input voltage	220V-230V-240V		
Input frequency	45-65 Hz		
Input voltage range	160V-288V	195V-280 V	
THD of input current	6%		
Input power factor	> 0,99		
Output characteristics			
Output voltage	220V/230V/240V Adjustable from Front Panel		
Output frequency (nominal)	50 /60 Hz Adjustable from Front Panel +/- 0,05%		
Crest factor	2,5:1		
THD of output voltage	< 1,5% with linear load < 3% with non-linear load		
Permissible overload	10 seconds at 125%-150% 30 seconds at 106%-120%	120 seconds at 100%-120% 30 seconds at 121%-150%	
Efficiency in Eco mode	98%		
Bypass	-	Automatic bypass and manual maintenance bypass	
Batteries			
Backup time extension	Yes		
Battery type	VRLA - AGM		
Communication and management			
LCD Display	Available		
Communication Port	1 RS232 serial ports, 1 USB port, modbus and SNMP optional	1 RS232 serial ports, modbus and SNMP optional	
Remote Management	Available		
Physical characteristics			
Dimensions H x W x D (mm)	716 x 275 x 776		
Dimensions battery cabinet H x W x D (mm)	716 x 275 x 776		
Ambient conditions			
Operating temperature (°C)	0÷40		
Relative humidity (%)	20÷80 non condensing		
Protection index	IP31		
Noise at 1 m (dBA)	< 50		
Compliance			
Reference product standards	EN 62040-1, EN 62040-2, EN 62040-3		



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