UNINTERRUPTIBLE POWER SUPPLY

UPS

DHEA UPS
SINGLE-PHASE
from 1000 to 1500 VA

THE **GLOBAL SPECIALIST**
IN ELECTRAL AND DIGITAL BUILDING INFRASTRUCTURES

legrand®

DHEA
ENERGY STATION
CONVENTIONAL
SINGLE PHASE

The double conversion on line UPS designed with overlapping components with quick connections.

The system is made of an inverter section and battery modules (battery pack) equipped with a PLUG-IN connection and hot swap system.

Reduces overall dimensions, depth of 185 mm, allows positioning the uninterruptible power supply in extremely small spaces.

The special hermetically sealed batteries, that do not release any gas fumes, make it possible to use within home environments.

Load management

The 1500 VA model is equipped with 3 outputs, 2 of them are times for inverter operation, since they deactivate after a pre-set interval, they make it possible to safeguard the power supply of the most important loads based on available uptime.

Plug-in connection with hot swap system

"Standard" components and quick connections make it possible for the less expert to transport and install every element of the system easily and, thanks to the hot swap system, it is possible to add or replace battery packs at any time, without shutting off the inverter.

DHEA

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

3 101 08

3 107 73

- System that can be combined with a power supply unit to increase uptime in case of extended black out.
- Battery modules with batteries and related integrated PLUG-IN connections.
- Possibility of adding up to 10 Battery pack.
- Power supply voltage of the inverter only present once the module is connected.

Pack.	Item	ENERGY STATIONS	
		NOMINAL POWER VA	POWER ACTIVE W
	3 101 07	1000	700
	3 101 08	1500	1050

	ACCESSORIES
	DESCRIPTION
3 107 73	Battery module

Idem	3 101 07	3 101 08
General Features		
Nominal Power (VA)	1000	1500
Active Power (W)	700	1050
Technology	on-line double conversion	
Waveform	sinusoidal	
Input nominal voltage	230 V	
Input Voltage Range	184 V ÷ 265 V at 100% of the load	
Minimum network operating voltage	184V with nominal load / 100V at 50% of the nominal load	
Input frequency	50/60 Hz ± 2% (± 14% in extended range)	
Power factor on input	> 0.99 from 80% of the nominal load	
Output voltage	230 V ± 1%	
Distortion of output voltage	< 1%	
Output frequency (battery operation)	50/60 Hz ± 1%	
Batteries	2 x 36 V 7.2 Ah in overlapping Battery Packs	
Acoustic noise at 1 m (dBA)	< 40	
Net weight (kg)	4 (inverter) + 16 (battery pack)	
Dimensions (H x W x D) (mm)	309 x 450 x 170 (inverter) - 125 x 450 x 170 (battery pack)	
Standards	EN 62040-1, EN 50091-2, EN 62040-3	
External Connections	1 RS 232 + 3 contact outputs (2 poles) + EPO	
Degree of protection	IP21	
Output socket	1 line	3 lines (2 of them with timer)

no. battery pack	Uptime at 100% of the load	
	1000 VA	1500 VA
1	20'	15'
2	48'	32'
3	1 h 20'	50'
4	2 h	1 h 15'
5	2 h 40'	1 h 35'
6	3 h 20'	2 h
7	4 h	2 h 30'
8	5 h	3 h
9	6 h	3 h 30'
10	7 h	4 h

NOTE: autonomy values, expressed in minutes, are measured during optimal operating conditions.

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