

# EP-H/HR

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## 1000VA-3000VA



- True Online Double Conversion Technology provides full protection from all power problems.
- Protects mission critical applications from downtime, data loss and corruption, and process interruption by providing continuous, regulated clean power.
- Secures connected equipment from damage or degradation caused by power quality anomalies.
- Simple installation and operation.
- LCD Display screen provides real-time updates of operational status, power usage, battery run time and other critical operational parameters.
- User-swappable batteries.
- Extended run time capability with external battery modules.
- Inclusive of power management software to ensure data integrity.
- SNMP / Web browser Connectivity Slot.
- USB Port option.
- RS 232 - Serial interface.
- High instantaneous overload capability.
- Full connectivity option.
- Output Isolation Transformers Option.
- External Charger Option (9.6 Amps Built-in).

# ELEN

UNINTERRUPTIBLE POWER SUPPLY

[www.enelpower.com](http://www.enelpower.com)

# TECHNICAL SPECIFICATIONS

Model	EP-H/HR		
Capacity	1000VA	2000VA	3000VA
	On-line, double conversion topology with automatic bypass		
<b>INPUT</b>			
Phase	Single phase + N		
Bypass Voltage	176-256 user selectable via LCD panel		
Input Voltage range	118 - 300VAC (0% to 50% load), 140 - 300VAC (50% to 70% load), 160 - 300VAC ( 70% to 100% Load)		
Frequency	50/60 Hz. Auto selection		
Frequency window form mains	+/-8%		
Synchronization window	±3Hz.		
Input current	4A	7.7A	12A
Input Power Factor	>0.95		0.97
<b>OUTPUT</b>			
Output Voltage	220 / 230 / 240 VAC, selectable from LCD panel		
Voltage regulation	±2%		
Power Factor	0.7		
Voltage distortion	< 5% THD at full non-linear load, < 3% THD at full linear load		
Frequency regulation	+ 0.5% (battery or free running mode)		
Overload capacity	105% to 150% for 30 sec., > 150 % for 200ms		
<b>BATTERY AND CONNECTION</b>			
Input Connection	IEC 320 (10A)	IEC 320 (10A)	IEC 320 (16A)
Oupptut Connection	4 x IEC 320 (10A)	3 x IEC 320 (10A) and hard wire	3 x IEC 320 (10A) and hard wire
Battery Type	Dry Maintanance Free (SLA)		
Number of batteries	3	8	8
Backup time (full load / half load)	<7min/18min	<9min/18min	<6min/15min
Recharge time		6 and 8 hours to 90%	
<b>TOWER VERSION</b>			
Dimensions W x D x H mm	160 x 220 x 440	200 x 352 x 450	200 x 352 x 450
Weight kg	15	34	35
<b>RACK-MOUNT VERSION</b>			
Dimensions W x D x H mm (2U)	440 x 465 x 88	440 x 465 x 88	440 x 465 x 88
Weight kg W/O battery	8	9.5	10.5
<b>ENVIRONMENTAL</b>			
Ambient temperature	0°C to 40°C		
Recommended temperature	+15°C to 25°C		
Storage temperature	-15°C to 50°C		
Cooling	Forced air-cooling		
Humidity	0-95%, non-condensing		
Audible noise	< 45 dBA (at 1m)		< 50 dBA (at 1M)
<b>STANDARDS</b>			
Safety	EN50091-1-1		
Emissions	EN50091-2 class B		
Immunity	EN50091-2		

Specification subject to change without notice.  
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For more product information please contact.