



**SPECTRA
INVERTERS**

A Product of

**The UPS
company**
 Uninterruptible Power Supplies - Inverters - Generators
 **United Kingdom**



H SERIES

Single Phase Home Inverter

- Fully Digitized Microprocessor Control
- Wide Input Voltage Window
- Short Circuit & Overload Protection
- Cold Start
- Compatible With Generators
- SMD Technology
- Swappable Battery
- Bypass Output
- Energy Saving Functions
- Plug & Play Easy to Use

Capacity (VA/Watts)	600 / 480	800 / 640	1000 / 800	1500 / 120	2000 / 1600	3000 / 2400	4000 / 3200	5000 / 4000
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Input	
Input Voltage	220VAC
Input Frequency	50Hz
Operating Voltage Range	120~300VAC (Inverter Mode) / 145 ~ 285VAC (UPS Mode)
Operating Frequency Range	38 ~ 70Hz

Output	
Voltage Range (Mains)	160 ~ 260VAC (Inverter Mode) / 190 ~ 260VAC (UPS Mode)
Voltage Range (Battery)	220VAC ±10%
Frequency (Mains)	Same as Mains
Frequency (Battery)	50Hz ±1Hz
Output Wave (Mains)	Tracking Mains
Output Wave (Battery)	Simulated Sine Wave
Transfer Time	10ms

Battery				
Battery Voltage	12VDC	24VDC	24VDC	48VDC
Recharge Voltage	13.8V ±0.3V	17.6V ±0.6V	17.6V ±0.6V	55.2V ±1V
Recharge Current	10A / 20A (Optional)			

Other	
Protection	Overload / Short Circuit / Overheat
Operating Temperature	0°C ~ 40°C
Humidity Range	0% ~ 90% (Non Condensing)
Noise Level	<40dB (1 meter)

Physical								
Dimensions (WxDxH) mm	285 x 272 x 165		313 x 295 x 189		363 x 220 x 358		363 x 220 x 358	
Packing (WxDxH) mm	380 x 375 x 255		420 x 384 x 275		435 x 306 x 448		435 x 306 x 448	
Net Weight (kg)	11.4	13.4	15	18.6	26	29	33	36
Shipping Weight (kg)	12.7	14.7	16.5	20.1	27.5	31	34.5	37.5