



AVO HP SERIES

400-2000VA(1:1)

### Features



#### SALIENT FEATURES:

- 400/600/800/1000/1500/2000 VA Line Interactive UPS with 0.6/0.7 Output PF .
- LCD to display UPS Information Circularly, Inbuilt Alarm & Indications for essential performance monitoring(Mains Fail, Low Battery, UPS Fault) .
- Compact Size, Excellent Microprocessor control guarantees high reliability,
- Boost & Buck AVR for Voltage Stabilization & Automatic Voltage Regulation.
- Auto Restart while AC is Recovering,
- Off Mode Charging, Cold Start Function , Fuse Protection.
- Generator Compatible Option,
- Comes with Modified Sinewave Output,
- Optional Automatic & Manual Bypass Switch,

### TECHNICAL SPECIFICATIONS:

MODEL-LVX Series	HP3004	HP3006	HP3008	HP301	HP3015	HP302
Capacity	400VA/240W	600VA/360W	800VA/480W	1000VA/600W	1500VA/900W	2000VA/1200
<b>AC INPUT</b>						
Input Voltage	Rated input voltage: 100 / 110 / 115 / 120 Vac or 200 / 220 / 230 / 240 Vac					
Input Voltage Range	160-285V AC					
Input frequency	50 / 60 Hz $\pm$ 5% / 10% / 15% (settable)					
Input frequency Range	$\pm$ 5% / 10% / 15% (settable)					
<b>OUTPUT</b>						
Output voltage	100 / 110 / 115 / 120 Vac $\pm$ 2% or 200 / 220 / 230 / 240 Vac $\pm$ 2% (settable)					
Output Voltage Range	200-250V AC with input voltage regulation					
Output frequency	50 / 60 Hz $\pm$ 1%/2% (auto-sensing)					
Output frequency Range	$\pm$ 1%/2%					
Power factor	0.6/0.7					
Trnasfer Time	Typically 2-6ms					
Waveform	Sine Wave					
<b>BATTERIES</b>						
Rated voltage	12V /24VDC	12V/24V DC	12V/24V DC	12V/24V/48V DC		
Charging current	1-16 A (settable)					
<b>PROTECTION</b>						
Safety Protections	Overload , Overcharge, Discharge, Overvoltage Protections					
<b>EFFICIENCY</b>						
Max. efficiency	$\geq$ 85%					
<b>OTHERS</b>						
Communications	RS232 / USB / RS485 (standard), SNMP / Wi-Fi / GPRS (optional)					
Display	LCD & LED					
<b>INDICATORS</b>						
Input Voltage, Output Voltage, Battery Capacity ,Load Level, UPS Status						
Standards	IEC 62040-1, IEC 62040-2, EN 62040-1, EN 62040-2, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2, EN 61000-6-4, EN 62109-1, EN 62109-2					
IP rating	IP20/IP 21					
Operating temperature	0°C ~ 50°C					
Relative humidity	$\leq$ 95%					
Noise level at 1 m	< 50 dB					

\*All specification are subjected to change without notice.

AVO has developed state of the art and very customized web based e-CRM for all its service operations. The unique software allows the Clients to log the call themselves. The Best feature of the software is it automatically delegates the calls to the field engineers depending upon the database of engineers as per location & past records and subsequently tracks the engineer location and site location through GPS. Customers get automated mails on current progress and are also able to track the engineer who is going to attend the call. An SMS alert to update the call status is also sent to the customer.

