

## EPH Pro Series Features:

- ✦ Pure Sine Wave Inverter
- ✦ Digital with Microprocessor Control
- ✦ User Friendly LCD Control Panel
- ✦ Multifunctional Compatible with Linear and Non-Linear Load
- ✦ Automatic Self-Test Function
- ✦ Solar Power Server (Optional)
- ✦ Power Saving with Highly Efficient Design
- ✦ Low Heat Dissipation for Long Time Operation
- ✦ Fast and Powerful Charger with 20A~90A
- ✦ 24 Hours Operation for Long Time Back UP
- ✦ Space Saving Wall-Mount Design
- ✦ Built-in Automatic Voltage Regulator(AVR)



- Selectable Input Voltage
- Selectable Priority of Power
- Selectable Battery Type
- Selectable Charging Current

## Economy Power House Pro Series

| MODEL         |                               |                 | EPH Pro-1600                                                                                                 | EPH Pro-3200 | EPH Pro-5000 | EPH Pro-6400    | EPH Pro-8000 | EPH Pro-10000 |
|---------------|-------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------|--------------|--------------|-----------------|--------------|---------------|
| DESCRIPTION   |                               |                 | Pure Sine Wave Inverter                                                                                      |              |              |                 |              |               |
| INPUT         | Capacity                      | VA              | 1.6KVA                                                                                                       | 3.2KVA       | 5KVA         | 6.4KVA          | 8KVA         | 10KVA         |
|               |                               | Watts           | 1000W                                                                                                        | 2000W        | 3000W        | 4000W           | 5000W        | 6000W         |
|               | Nominal Voltage               | Nominal Voltage | 120Vac or 220Vac Systems                                                                                     |              |              |                 |              |               |
|               |                               | Voltage Range   | 90Vac ~ 150Vac +/- 4%      184Vac ~ 264Vac +/- 4%<br>75Vac ~ 150Vac +/- 4%      or    164Vac ~ 264Vac +/- 4% |              |              |                 |              |               |
| OUTPUT        |                               | Frequency       | 47Hz ~ 55Hz   or   57Hz 65Hz                                                                                 |              |              |                 |              |               |
|               | Voltage                       |                 | 110Vac / 115Vac / 120Vac<br>220Vac / 230Vac / 240Vac                                                         |              |              |                 |              |               |
|               | Voltage Regulation            |                 | +/- 10% RMS                                                                                                  |              |              |                 |              |               |
|               | Frequency                     |                 | 50Hz or 60Hz                                                                                                 |              |              |                 |              |               |
|               | Wave Form                     |                 | Pure Sine Wave                                                                                               |              |              |                 |              |               |
| BATTERY       |                               | Transfer Time   | < 10 milliseconds (typical)                                                                                  |              |              |                 |              |               |
|               | Battery DC Voltage            |                 | 12V-24V                                                                                                      | 12V/24V      | 12V/24V/48V  | 24V/48V         | 24V/48V      | 24V/48V       |
|               | Max. Charging Current         |                 | 35A/20A                                                                                                      | 70A/35A      | 90A/45A/30A  | 70A/40A         | 80A/50A      | 90A/60A       |
| AUDIBLE ALARM | Over Temperature              |                 | Over 105° Beep 0.5 seconds ; shutdown 30 seconds after                                                       |              |              |                 |              |               |
| SOLAR SERVER  | Solar Power Server (Optional) |                 | Optional Charger                                                                                             |              |              |                 |              |               |
| DISPLAY       | LCD                           |                 | UPS status, I/P & O/P Voltage and Frequency; Load %, Battery Voltage and %, Temperature, Model Spec. etc     |              |              |                 |              |               |
|               | LED Indicators                |                 | Green: Normal / Yellow: Battery Back up / Red: UPS Fault                                                     |              |              |                 |              |               |
| ENVIRONMENT   | Operation Temperature         |                 | 0°C - 40°C ; 32°F - 104°F                                                                                    |              |              |                 |              |               |
|               | Humidity                      |                 | 0-95% Non-condensing                                                                                         |              |              |                 |              |               |
|               | Acoustic Noise                |                 | Less than 55dB at 1mt                                                                                        |              |              |                 |              |               |
| DIMENSIONS    |                               |                 | Tower (W x H x D) mm                                                                                         |              |              | 218 x 179 x 442 |              |               |
|               |                               |                 |                                                                                                              |              |              | 218 x 179 x 598 |              |               |

\* Specification Subject to Change without Prior Notice.