

## Ares Plus Series On-line UPS

The Ares Plus series on-line double conversion UPS with Microprocessor-controlled technology delivers maximum power density in a compact tower design. A cost-effective solution for mission critical users who demand high reliability and performance from a UPS.

- Optimised Output Power Factors 0.9
- Advanced Digital Control Technology
- Wide Input Voltage / Frequency Window
- Advanced LED/LCD Display with Parameter Setting
- Emergency Shutdown Control through EPO
- Extended Runtime Capability
- Optional Powerful Charger
- Optional Power Shredding
- Matching Battery Cabinet



Ares Plus Series  
On-line UPS

| Model                        |                                | Ares Plus 1000   | Ares Plus 2000  | Ares Plus 3000  |
|------------------------------|--------------------------------|--|-----------------|-----------------|
| Input                        | Phase                          | Single + G   |                 |                 |
|                              | Voltage                        | 110~300Vac   |                 |                 |
|                              | Frequency                      | 45~65Hz(Auto sensing)  |                 |                 |
|                              | Power Factor                   | ≥0.99 @ Full Load  |                 |                 |
| Output                       | Capacity                       | 1000VA / 900W  | 2000VA / 1800W  | 3000VA / 2700W  |
|                              | Voltage                        | 208/220/230/240Vac   |                 |                 |
|                              | Power Factor                   | 0.9  |                 |                 |
|                              | Voltage Distortion             | ≤3% @ 100% Linear load   |                 |                 |
|                              |                                | ≤7% @ 100% non-linear load   |                 |                 |
|                              | Voltage Regulation             | ±2%  |                 |                 |
|                              | Frequency (Synchronized Range) | ±1Hz or ±3Hz (Selectable)  |                 |                 |
|                              | Crest Factor                   | 3:1  |                 |                 |
|                              | Waveform                       | Pure Sine Wave   |                 |                 |
| Efficiency                   | Line Mode                      | Up to 92%  |                 |                 |
|                              | High Efficiency Mode           | Up to 96%  |                 |                 |
| Battery                      | Type                           | Sealed Lead Acid Maintenance Free 12Vdc  |                 |                 |
|                              | Battery Number                 | 3  | 6               | 6               |
|                              | Battery Voltage                | 36   | 72              | 72              |
|                              | Recharge Time (to 90%)         | 4 hours  | 4 hours         | 4 hours         |
| Display                      | LED (Standard)                 | Normal, Battery, Bypass, Programmable Outlet 1, Programmable Outlet 2, Self-Test, Battery Weak & Bad, Site Wiring Fault, Fault, Overload, and Load/Battery Level |                 |                 |
|                              | LCD (Option)                   |  |                 |                 |
|                              | Self-Diagnostics               |  |                 |                 |
| Alarm                        | Audible or Visual              | Line Failure / Battery Low / Transfer to Bypass / System Fault   |                 |                 |
| Protection                   | Full Protection                | Overload, Over temperature, Short circuit, Discharge, Overcharge   |                 |                 |
| Function                     | Multi-Mode                     | Normal/ ECO/ CVCF  |                 |                 |
|                              | DC start                       | Yes  |                 |                 |
|                              | Programmable Outlet (Option)   | Yes  |                 |                 |
| Physical ****                | Dimension (WxHxD) mm           | 180 x 280 x 380  | 220 x 340 x 450 | 220 x 340 x 550 |
|                              | Weight (Kg)                    | ~15.0  | ~ 30.0          | ~ 34.0          |
|                              | Output Connection              | 3x IEC 320-C13   | 6x IEC 320-C13  | 6x IEC 320-C13  |
| Environmental                | Operation Temperature          | 0- 40°C  |                 |                 |
|                              | Operation Humidity             | 0-95 % (Without condensing)  |                 |                 |
|                              | Altitude                       | 1000m/3300ft without Derating  |                 |                 |
|                              | Noise Level                    | ≤45dBA   |                 |                 |
| Interface                    | Standard                       | USB, RS-232, EPO   |                 |                 |
|                              | Option                         | USB, RS485, Dry Contact Relay, SNMP/WEB Card   |                 |                 |
|                              | Compatible Platforms           | Microsoft Windows series, Linux, Mac, etc.   |                 |                 |
| Standards and Certifications | Safety                         | EN62040-1, UL1778  |                 |                 |
|                              | EMC                            | EN62040-2, EN61000-3-2, EN61000-3-3, FCC Class A   |                 |                 |
|                              | Marks                          | CE, UL, cUL, FCC   |                 |                 |

