

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 user who demand high reliability and performance from a UPS.

- Optimized Output Power Factor 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 | Ares Plus 3000E | |
|------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|--|
| Input | Voltage Range** | 110~300Vac | | | | |
| | Frequency Range | 45Hz ~ 65Hz (Auto sensing) | | | | |
| | Phase | Single phase with ground | | | | |
| | Power Factor | ≥ 0.99 (with full linear load) | | | | |
| Output | Capacity | 1000VA/900W | 2000VA/1800W | 3000VA/2700W | | |
| | Voltage | 200/208/220/230/240 Vac | | | | |
| | Output Power Factor | 0.9 | | | | |
| | Output Voltage Distortion | < 3% (at full load) ; < 7% (at full non-linear load) | | | | |
| | Output Voltage Regulation | ± 2% | | | | |
| | Frequency (Synchronized Range) | ± 3Hz or ± 1Hz (selectable) | | | | |
| | Current Crest Ratio | 3:1 (acceptable) | | | | |
| | Output Waveform | Pure sine wave | | | | |
| | EFFICIENCY | Line Mode | Up to 92% | | | |
| | | High Efficiency Mode | Up to 96% | | | |
| BATTERY | Number of batteries | 3 | 6 | 6 | 8 | |
| | Battery type | Sealed Lead Acid Maintenance Free | | | | |
| | Rated Battery Voltage | 36Vdc | 72Vdc | 72Vdc | 96Vdc | |
| | Recharge time (to 90%) | 4~6 hours | | | | |
| | Extended Built-in Charger | Optional | | | | |
| DISPLAY | Standard LCD | Voltage / Frequency / Load level / Battery level / Output Current / Estimated Autonomy | | | | |
| | Self-Diagnostics | Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check | | | | |
| ALARM | Audible and Visual | Line Failure / Battery Low / Transfer to Bypass / System Fault | | | | |
| PROTECTION | Full Protection | Overload, Over temperature, Short Circuit, Discharge, Overcharge | | | | |
| FUNCTIONS | Multi-Mode | Normal/ECO/CVCF | | | | |
| | DC Start | Yes | | | | |
| | Programmable Outlet | Optional | | | | |
| PHYSICAL | Dimensions (WHD in mm) | 154 × 211 × 382 | 192 × 250 × 470 | 192 × 320 × 451 | 192 × 320 × 486 | |
| | Weight (kg) | 12 | 22 | 29.8 | 33 | |
| OUTPUT | Output Connections | 3 × IEC-C13 | 6 × IEC-C13 | 6 × IEC-C13 | | |
| ENVIRONMENT | Operation Temperature | 0-40°C | | | | |
| | Relative Humidity | 0 to 90% (Without condensation) | | | | |
| | Altitude | 1000m without Derating | | | | |
| | Noise Level | <50dBA @ 1 meter front | | | | |
| INTERFACE | Standard | RS232, USB, EPO, Interface Cards Slot, Extended Battery Connector | | | | |
| | Optional Communication Cards | Dry contact, 2 nd RS232, 2 nd USB, SNMP/Web Card | | | | |
| | Compatible platforms | Microsoft Window series, Linux, Mac | | | | |
| STANDARDS AND CERTIFICATIONS | Safety | IEC/EN 62040-1 | | | | |
| | EMC | IEC/EN 62040-2, FCC Class A, IEC 61000-4-3 /-2/-4/-5/-6/-8/, EN 61000-3-2, EN 61000-3-3, EN 61000-2-2 | | | | |
| | Markings | CE, FCC | | | | |

*Specifications subject to change without notice.

** Based on load percentage.

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