



Server



Telecom



Industrial



Network



Hospitality



Medical

## AMB ON 1 – 10 kVA UPS Series

- Comprehensive display allows easy monitoring and access of UPS status
- ECO mode and high efficiency power conversion for energy saving
- Low input THDi ( $\leq 5\%$ ) to reduce power system pollution
- Microprocessor control optimizes reliability
- Charger current can be selected via LCD panel
- Advanced Battery Management (ABM)
- Emergency power off (EPO) function
- Optional N+X parallel Redundancy (6-10kva)
- Wide input voltage (80 V – 300 V)
- Optional Dot Matrix LCD (6-10kva)
- True Online double-conversion
- Battery Extendable On All Models
- Input power factor correction
- Output Power Factor 0.9/0.8
- Generator compatible
- Surge Protection up to 600 Joule



the power to lead

## AMB ON 01 – 03 kVA UPS Series

### > SPECIFICATION

| Model Name                 | AMB On 1000 - TS                        | AMB On 1000 - TL   | AMB On 2000 - TS | AMB TS 2000 - TL                | AMB On 3000 - TS | AMB On 3000 - TL                |
|----------------------------|---|--|------------------|---------------------------------|------------------|---------------------------------|
| Capacity                   | 900W/800W                               |  | 1800W/1600W      |                                 | 2700W/2400W      |                                 |
| <b>Input</b>               |   |  |                  |                                 |                  |                                 |
| Nominal Voltage            | 220-240Vac                              |  |                  |                                 |                  |                                 |
| Voltage Range              | 80-300Vac                               |  |                  |                                 |                  |                                 |
| Nominal Frequency          | 50Hz/60 Hz                              |  |                  |                                 |                  |                                 |
| Frequency Range            | 40-70Hz                                 |  |                  |                                 |                  |                                 |
| Power Factor               | 0.99                                    |  |                  |                                 |                  |                                 |
| <b>Output</b>              |   |  |                  |                                 |                  |                                 |
| Nominal Voltage(Batt.mode) | 208/220/230/240Vac                      |  |                  |                                 |                  |                                 |
| Voltage Regulation         | ± 1 %                                   |  |                  |                                 |                  |                                 |
| Nominal Output Frequency   | 50Hz / 60Hz                             |  |                  |                                 |                  |                                 |
| Frequency Range (batt. )   | 50Hz/60Hz±0.5%                          |  |                  |                                 |                  |                                 |
| Waveform                   | Pure Sine Wave                          |  |                  |                                 |                  |                                 |
| THDv                       | ≤ 3% @ linear load, ≤5%@non-linear load |  |                  |                                 |                  |                                 |
| Current Crest Ratio        | 3:1                                     |  |                  |                                 |                  |                                 |
| Transfer Time              | 0ms                                     |  |                  |                                 |                  |                                 |
| Overload Protection        | Line Mode                               | 105%-110% Warning, transfer to bypass after 10min; 110%-130% Warning, transfer to bypass after 1min; >130% transfer to bypass after 3s |                  |                                 |                  |                                 |
|                            | Battery Mode                            | 105%-110% Warning, shut down after 10min; 110%-130% Warning, shut down after 1min; >130% shut down after 3s                            |                  |                                 |                  |                                 |
|                            | Bypass Mode                             | 110%-120% Warning, shut down after 30min; 120%-130% Warning, shut down after 10min; >130% shut down after 1min                         |                  |                                 |                  |                                 |
| <b>Battery</b>             |   |  |                  |                                 |                  |                                 |
| Model Name                 | 1000                                    | 1000L  | 2000             | 2000L                           | 3000             | 3000L                           |
| Battery Voltage            | 24V                                     | 24V/36V  | 48V              | 48V/72V                         | 72V              | 72V/96V                         |
| Battery Type               | 12V/9AH                                 | Depending on external batteries  | 12V/9AH          | Depending on external batteries | 12V/9Ah          | Depending on external batteries |
| Total Battery Quantity     | 2                                       |  | 4                |                                 | 6                |                                 |
| Recharge Time(to 90%)      | 4H                                      |  | 4H               |                                 | 4H               |                                 |
| Charging Current           | 1.5A                                    | 4A/8A  | 1.5A             | 4A/8A                           | 1.5A             | 4A/8A                           |
| <b>Efficiency</b>          |   |  |                  |                                 |                  |                                 |
| Efficiency (Inverter Mode) | 88%                                     |  | 90%              |                                 | 91%              |                                 |
| Efficiency (Batt. Mode)    | 85%                                     |  | 87%              |                                 | 88%              |                                 |
| ECO Mode                   | 96%                                     |  | 96%              |                                 | 96%              |                                 |
| <b>Indicators</b>          |   |  |                  |                                 |                  |                                 |
| Display                    | LCD                                     |  |                  |                                 |                  |                                 |
| Alarm                      | Yes                                     |  |                  |                                 |                  |                                 |
| <b>Interface</b>           |   |  |                  |                                 |                  |                                 |
| RS232                      | Yes                                     |  |                  |                                 |                  |                                 |
| HID Compliant USB Port     | Yes                                     |  |                  |                                 |                  |                                 |
| EPO                        | Yes                                     |  |                  |                                 |                  |                                 |
| SNMP                       | Yes                                     |  |                  |                                 |                  |                                 |
| <b>Management</b>          |   |  |                  |                                 |                  |                                 |
| Auto Recharge              | Yes                                     |  |                  |                                 |                  |                                 |
| Auto Restart               | Yes                                     |  |                  |                                 |                  |                                 |
| Power Management Software  | Yes                                     |  |                  |                                 |                  |                                 |
| <b>Physical</b>            |   |  |                  |                                 |                  |                                 |
| Dimension(W x H x D)(mm)   | 140 x 191 x 327                         | 151 x 225 x 390  | 140 x 191 x 327  | 151 x 225 x 390                 | 196 x 342 x 416  | 151 x 225 x 390                 |
| Net Weight (kg)            | 14.5                                    | 16.5   | 4                | 17.14                           | 22.5             | 6.9                             |
| <b>Environment</b>         |   |  |                  |                                 |                  |                                 |
| Operating Humidity         | 0-95% non-condensing                    |  |                  |                                 |                  |                                 |
| Operating Temperature      | 0-50°C                                  |  |                  |                                 |                  |                                 |
| Noise Level                | <45 dB                                  |  |                  |                                 |                  |                                 |

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## AMB ON 6 – 10 kVA UPS Series

### ➤ SPECIFICATION

| Model Name                 |              | AMB On 6000 - TS   | AMB On 6000 - TL                | AMB On 10000 - TS | AMB On 10000 - TL               |
|----------------------------|--------------|--|---------------------------------|-------------------|---------------------------------|
| Capacity                   |              | 5400W/4800W  |                                 | 9000W/8000W       |                                 |
| <b>Input</b>               |              |  |                                 |                   |                                 |
| Nominal Voltage            |              | 208/220/230/240Vac   |                                 |                   |                                 |
| Voltage Range              |              | 80-300Vac  |                                 |                   |                                 |
| Nominal Frequency          |              | 50Hz/60Hz (Auto Sensing)   |                                 |                   |                                 |
| Frequency Range            |              | (45~55)/(54~66)Hz  |                                 |                   |                                 |
| Power Factor               |              | 0.99   |                                 |                   |                                 |
| <b>Output</b>              |              |  |                                 |                   |                                 |
| Nominal Voltage(Batt.mode) |              | 208/220/230/240Vac   |                                 |                   |                                 |
| Voltage Regulation         |              | ± 1 %  |                                 |                   |                                 |
| Nominal Output Frequency   |              | 50Hz / 60Hz  |                                 |                   |                                 |
| Frequency Range (batt. )   |              | ± 0.5%   |                                 |                   |                                 |
| Waveform                   |              | Pure Sine Wave   |                                 |                   |                                 |
| THDv                       |              | ≤ 2% @ linear load, ≤5%@non-linear load  |                                 |                   |                                 |
| Current Crest Ratio        |              | 3:1  |                                 |                   |                                 |
| Transfer Time              |              | 0ms  |                                 |                   |                                 |
| Overload Protection        | Line Mode    | 105%-110% Warning, transfer to bypass after 10min; 110%-130% Warning, transfer to bypass after 1min; >130% transfer to bypass after 3s |                                 |                   |                                 |
|                            | Battery Mode | 105%-110% Warning, shut down after 10min; 110%-130% Warning, shut down after 1min; >130% shut down after 3s                            |                                 |                   |                                 |
|                            | Bypass Mode  | 110%-120% Warning, shut down after 30min; 120%-130% Warning, shut down after 10min; >130% shut down after 1min                         |                                 |                   |                                 |
| <b>Battery</b>             |              |  |                                 |                   |                                 |
| Battery Voltage            |              | 192V   |                                 |                   |                                 |
| Battery Type               |              | 12V/7Ah  | Depending on external batteries | 12V/9Ah           | Depending on external batteries |
| Total Battery Quantity     |              | 16   |                                 | 16                |                                 |
| Recharge Time(to 90%)      |              | 5H   |                                 | 6H                |                                 |
| Charging Current           |              | 1A   | 4A/8A                           | 1A                | 4A/8A                           |
| <b>Efficiency</b>          |              |  |                                 |                   |                                 |
| Efficiency (Inverter Mode) |              | 92%  |                                 |                   |                                 |
| Efficiency (Batt. Mode)    |              | 90%  |                                 |                   |                                 |
| ECO Mode                   |              | 96%  |                                 |                   |                                 |
| <b>Indicators</b>          |              |  |                                 |                   |                                 |
| Display                    |              | LCD  |                                 |                   |                                 |
| Alarm                      |              | Yes  |                                 |                   |                                 |
| <b>Interface</b>           |              |  |                                 |                   |                                 |
| RS232                      |              | Yes  |                                 |                   |                                 |
| HID Compliant USB Port     |              | Yes  |                                 |                   |                                 |
| EPO                        |              | Yes  |                                 |                   |                                 |
| SNMP                       |              | Yes  |                                 |                   |                                 |
| <b>Management</b>          |              |  |                                 |                   |                                 |
| Auto Recharge              |              | Yes  |                                 |                   |                                 |
| Auto Restart               |              | Yes  |                                 |                   |                                 |
| Power Management Software  |              | Yes  |                                 |                   |                                 |
| <b>Physical</b>            |              |  |                                 |                   |                                 |
| Dimension(W x H x D)(mm)   |              | 196x702x412  | 196x342x412                     | 196x702x412       | 196x342x412                     |
| Net Weight (kgs)           |              | 63   | 12.6                            | 68                | 13                              |
| <b>Environment</b>         |              |  |                                 |                   |                                 |
| Operating Humidity         |              | 0-95% non-condensing   |                                 |                   |                                 |
| Operating Temperature      |              | 0-50°C   |                                 |                   |                                 |
| Noise Level                |              | <55 dB   |                                 |                   |                                 |

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