

## 9200LRB 6-10KVA Double Conversion 1P/1P (Split-Type)



- Isolation transformer in split rack box with maintenance bypass switch (Optional)
- High performance true double conversion online UPS 6-10KVA
- N+X parallel redundancy and capacity expansion (Optional)
- External battery box to extend backup time (Optional)
- Microprocessor control guarantees high reliability
- Low heat dissipation in long time operation
- Emergency power-off function (EPO)
- Input THDi < 5% / Output THD < 2%
- High efficiency mode (ECO mode)
- Output voltage regulation +/-2%
- Automatic self-testing function
- Power management software
- Fan speed control & DC start
- Output power factor 0.9

| MODEL                                       | IDEAL-9206LRB                                                                                                                                                           | IDEAL-9206LRBE                         | IDEAL-9210LRB  | IDEAL-9210LRBE                         |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------|----------------------------------------|
| CAPACITY                                    | 6KVA/5.4KW                                                                                                                                                              |                                        | 10KVA/9KW      |                                        |
| INPUT                                       |                                                                                                                                                                         |                                        |                |                                        |
| Phase                                       | 1 Phase 2 Wires with Ground                                                                                                                                             |                                        |                |                                        |
| Voltage                                     | 220/230/240Vac                                                                                                                                                          |                                        |                |                                        |
| Frequency                                   | 50Hz or 60Hz (Auto-sensing)                                                                                                                                             |                                        |                |                                        |
| THDi                                        | <5% with R Full Load                                                                                                                                                    |                                        |                |                                        |
| OUTPUT                                      |                                                                                                                                                                         |                                        |                |                                        |
| Phase                                       | 1 Phase 2 Wires with Ground or 1 Phase 3 Wires with Ground(with Isolation Transformer)                                                                                  |                                        |                |                                        |
| Voltage                                     | 1 Phase 2 Wires with Ground: 220/230/240Vac or<br>1 Phase 3 Wires with Ground(with isolation transformer): 220/110Vac, 230/115Vac, or 240/120Vac(set via control panel) |                                        |                |                                        |
| Voltage Regulation                          | +/-1% or +/-2%(with Isolation Transformer)                                                                                                                              |                                        |                |                                        |
| Frequency(Battery Mode)                     | 50Hz or 60Hz +/-0.05Hz                                                                                                                                                  |                                        |                |                                        |
| Waveform                                    | Pure sinewave                                                                                                                                                           |                                        |                |                                        |
| THD                                         | <2%(Linear Load) or <5%(Non-linear Load)                                                                                                                                |                                        |                |                                        |
| Crest Ratio                                 | 3:1                                                                                                                                                                     |                                        |                |                                        |
| EFFICIENCY                                  |                                                                                                                                                                         |                                        |                |                                        |
| To AC Mode                                  | >92% at full load and battery full charged                                                                                                                              |                                        |                |                                        |
| To Battery Mode                             | >92% at full load and 12VDC/battery                                                                                                                                     |                                        |                |                                        |
| ECO Mode                                    | >96% at full load and battery full charged                                                                                                                              |                                        |                |                                        |
| BATTERY                                     |                                                                                                                                                                         |                                        |                |                                        |
| Voltage                                     | 240VDC                                                                                                                                                                  |                                        |                |                                        |
| Type                                        | 12V/7AH*20pcs                                                                                                                                                           | Extendable                             | 12V/9AH*20pcs  | Extendable                             |
| Recharge Time                               | 7 hours to 90%                                                                                                                                                          | Depend on capacity of external battery | 8 hours to 90% | Depend on capacity of external battery |
| TRANSFER TIME                               |                                                                                                                                                                         |                                        |                |                                        |
| Line Mode to Battery Mode                   | 0ms                                                                                                                                                                     |                                        |                |                                        |
| Inverter to Bypass                          | 0ms                                                                                                                                                                     |                                        |                |                                        |
| ECO Mode to Inverter                        | <10ms                                                                                                                                                                   |                                        |                |                                        |
| DISPLAY                                     |                                                                                                                                                                         |                                        |                |                                        |
| LED                                         | Normal(Green), Bypass(Yellow), Fault(Red), Battery(Yellow)                                                                                                              |                                        |                |                                        |
| LCD                                         | Load level, Battery voltage, Battery mode, AC mode, Bypass mode information                                                                                             |                                        |                |                                        |
| AUDIBLE ALARM                               |                                                                                                                                                                         |                                        |                |                                        |
| Battery Mode                                | Sounding every 4 seconds                                                                                                                                                |                                        |                |                                        |
| Low Battery                                 | Sounding every second                                                                                                                                                   |                                        |                |                                        |
| Overload                                    | Sounding twice every second                                                                                                                                             |                                        |                |                                        |
| Fault                                       | Continuous sounding                                                                                                                                                     |                                        |                |                                        |
| COMMUNICATIONS                              |                                                                                                                                                                         |                                        |                |                                        |
| Interface(Port)                             | Dry contact(Optional) ; USB                                                                                                                                             |                                        |                |                                        |
| Intelligent Slot                            | Slot for SNMP included (SNMP card is optional)                                                                                                                          |                                        |                |                                        |
| EPO                                         | Emergency Power Off                                                                                                                                                     |                                        |                |                                        |
| ENVIRONMENT                                 |                                                                                                                                                                         |                                        |                |                                        |
| Operating Temperature                       | 0°C-40°C (32°F-104°F)                                                                                                                                                   |                                        |                |                                        |
| Humidity                                    | 0-95% (Non-condensing)                                                                                                                                                  |                                        |                |                                        |
| Acoustic Noise                              | <50dB at 1M                                                                                                                                                             |                                        |                |                                        |
| PHYSICAL                                    |                                                                                                                                                                         |                                        |                |                                        |
| Cabinet Type                                | 3U                                                                                                                                                                      |                                        |                |                                        |
| Dimension-Main UPS Box (L*W*H)              | 610*440*135mm                                                                                                                                                           |                                        |                |                                        |
| Dimension-Isolation Transformer Box (L*W*H) | 610*440*135mm                                                                                                                                                           |                                        |                |                                        |
| Dimension-Battery Bank Box (L*W*H)          | 610*440*135mm                                                                                                                                                           |                                        |                |                                        |

\*Product specifications are subject to change without further notice.