

## 5X00CH LED Series (Easy Replacement Battery)



- › UPS will shut down upon battery low ; UPS will restart automatically upon AC recovery (Auto-restart)
- › Controlled by a technologically advanced microprocessor guaranteeing high reliability
- › Built-in DC start function enables UPS to be started without AC power supplied
- › Management software is designed to monitor and control UPS status (Optional)
- › Constant current, constant voltage battery charger (CCCV Battery Charger)
- › Equipped with 2-steps boost & 1-step buck AVR to stabilize output voltage
- › UPS will charge itself even though power switch is off (Off mode charging)
- › Over / under voltage protection (UPS will go to battery mode)
- › USB port and cable for managing functions via PC (Optional)
- › No-load shut down function (UPS Green mode)
- › Lightning / surge protection 175 joules
- › Easy replacement battery design

| MODEL                               | IDEAL-5106CH                                                                      | IDEAL-5108CH | IDEAL-5110CH                                                  | IDEAL-5112CH | IDEAL-5115CH | IDEAL-5120CH |
|-------------------------------------|-----------------------------------------------------------------------------------|--------------|---------------------------------------------------------------|--------------|--------------|--------------|
|                                     | IDEAL-5706CH                                                                      | IDEAL-5708CH | IDEAL-5710CH                                                  | IDEAL-5712CH | IDEAL-5715CH | IDEAL-5720CH |
| CAPACITY                            | 600VA/360W                                                                        | 800VA/480W   | 1000VA/600W                                                   | 1200VA/720W  | 1500VA/900W  | 2000VA/1200W |
| INPUT                               |                                                                                   |              |                                                               |              |              |              |
| Voltage                             | 110/115/120Vac or 220V/230/240Vac                                                 |              |                                                               |              |              |              |
| Voltage Range                       | -30%, +25%                                                                        |              |                                                               |              |              |              |
| Frequency                           | 50Hz or 60Hz (Auto-sensing)                                                       |              |                                                               |              |              |              |
| OUTPUT                              |                                                                                   |              |                                                               |              |              |              |
| Voltage Regulation                  | AC mode / Battery normal: 110/115/120Vac or 220/230/240Vac +/-10%                 |              |                                                               |              |              |              |
| Frequency                           | AC mode: 47-53Hz for 50Hz or 57-63Hz for 60Hz ; Battery mode: 50Hz or 60Hz +/-1Hz |              |                                                               |              |              |              |
| Waveform                            | Simulated Sinewave                                                                |              |                                                               |              |              |              |
| Transfer Time                       | <6ms (Typical)                                                                    |              |                                                               |              |              |              |
| Outlet: Nema5-15R or Universal Nema | 4pcs with back-up + 4pcs surge only                                               |              | 5pcs with back-up + 5pcs surge only                           |              |              |              |
| Outlet: European                    | German or Universal*2pcs back-up & surge protected                                |              | IEC*2pcs + German or Universal*4pcs Back-up & Surge protected |              |              |              |
| BATTERY                             |                                                                                   |              |                                                               |              |              |              |
| Voltage                             | 12VDC                                                                             |              | 24VDC                                                         |              |              |              |
| Type                                | 12V/7AH*1pc                                                                       | 12V/9AH*1pc  | 12V/7AH*2pcs                                                  | 12V/7AH*2pcs | 12V/9AH*2pcs | 12V/9AH*2pcs |
| Recharge Time                       | 5 hours to 90% after complete discharge                                           |              |                                                               |              |              |              |
| Safety Protection                   | Over Charge & Over Discharge Protection                                           |              |                                                               |              |              |              |
| Advanced Battery Management         | Yes                                                                               |              |                                                               |              |              |              |
| DISPLAY                             |                                                                                   |              |                                                               |              |              |              |
| LED Status Indicators               | Normal (Green), Battery (Yellow), UPS cut off (Red)                               |              |                                                               |              |              |              |
| AUDIBLE ALARM                       |                                                                                   |              |                                                               |              |              |              |
| Battery Mode                        | Two short tones every 8 seconds                                                   |              |                                                               |              |              |              |
| Low Battery                         | Four short tones every second                                                     |              |                                                               |              |              |              |
| Overload                            | Beeping continuously                                                              |              |                                                               |              |              |              |
| Fault                               | Beeping continuously                                                              |              |                                                               |              |              |              |
| MANAGEMENT                          |                                                                                   |              |                                                               |              |              |              |
| Smart USB (Optional)                | Software supporting Windows 95/98/NT/2000/ME/XP/2003/Vista/7/8/10/11              |              |                                                               |              |              |              |
| ENVIRONMENT                         |                                                                                   |              |                                                               |              |              |              |
| Operating Temperature               | 0°C-40°C (32°F-104°F)                                                             |              |                                                               |              |              |              |
| Humidity                            | 0-95% (Non-condensing)                                                            |              |                                                               |              |              |              |
| Acoustic Noise                      | <40dB at 1M                                                                       |              |                                                               |              |              |              |
| PHYSICAL                            |                                                                                   |              |                                                               |              |              |              |
| Dimension(D*W*H)                    | 315.5*100*141mm                                                                   |              | 343*135*206mm                                                 |              |              |              |

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

