



## High Frequency Transformerless Online UPS

3 Phase in single Phase out

### ▼ Technical Parameter

| MODEL               | AKH-31-15KL                                                                       | AKH-31-20KL  |
|---------------------|-----------------------------------------------------------------------------------|--------------|
| Rated Capacity      | 15KVA/15000W                                                                      | 20KVA/20000W |
| INPUT               |                                                                                   |              |
| Main topology       | 3Ph+N+PE                                                                          |              |
| Nominal Voltage     | 360/380/398/415VAC ( @Line Voltage)                                               |              |
| Input Voltage       | 190-520 VAC (3Ph ) @ 50% Load<br>305-478 VAC (3Ph ) @100% Load                    |              |
| Input Frequency     | 46～54 Hz or 56～64Hz                                                               |              |
| Output              |                                                                                   |              |
| Main topology       | 1Ph+N+PE                                                                          |              |
| Nominal Voltage     | 208/220/230/240VAC ( @208V derating 90%)                                          |              |
| Voltage Regulation  | ± 1%                                                                              |              |
| Output Frequency    | 46～54 Hz @ 50Hz; 56～64 Hz @ 60Hz                                                  |              |
| Harmonic Distortion | ≤3% (Linear Load);≤5% (Non-linear Load)                                           |              |
| Transfer Time       | 0ms (Line Mode To Battery Mode; Bypass Mode to Line Mode; Line mode to ECO mode;) |              |
| Efficiency          | >96.5% (Peak efficiency) ; >98.5% (ECO Mode)                                      |              |
| Battery             |                                                                                   |              |
| Battery Pieces      | 16PCS (default) ,16～20PCS Settable                                                |              |
| Charging Current    | 5A (default) ,1～12A Settable                                                      |              |
| Charging mode       | Two/Three auto selection (Three states: CC/CV/Floating;Two states:CC/Floating)    |              |
| LCD Indicators      | Load level,Battery level,AC mode,Battery mode,Bypass mode,So on                   |              |
| Communication Port  | RS232、USB、EPO                                                                     |              |
| Physical L×W×H (mm) | 550×190×500                                                                       |              |
| SERVICE ENVIRONMENT | Relative humidity 0-95% and temperature 0-40 °C (non condensing)                  |              |

Note: -L for Long backup, without Battery inside.

Product specifications are subject to change without further notice.