



## High frequency Online Modular UPS BAM33100 100KVA

### BAM33120 120KVA 3 in 3 out



#### Product specification:

| Model                                    | BAM33100 100KVA/BAM33120 120KVA                                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Phase number                             | 3ph—3ph                                                                                                                                               |
| UPS System                               | 50KVA Modular*2PCS, Total 100KVA, 60KVA Modular*2PCS, Total 120KVA                                                                                    |
| Module                                   | 50KVA/60KVA                                                                                                                                           |
| Input                                    |                                                                                                                                                       |
| Rated voltage                            | 480/277VAC                                                                                                                                            |
| frequency                                | 60Hz                                                                                                                                                  |
| Current harmonic                         | <3%(100% Nonlinear load)                                                                                                                              |
| power factor                             | >0.99                                                                                                                                                 |
| Upper limit of bypass protection voltage | +15%( Optional +5%,+10%,+25%)                                                                                                                         |
| Lower limit of bypass protection voltage | -45%( Optional -20%,-30%)                                                                                                                             |
| Bypass frequency protection range        | ±10%                                                                                                                                                  |
| Power walking in                         | support                                                                                                                                               |
| Bypass the irrigation                    | support                                                                                                                                               |
| Generator access                         | support                                                                                                                                               |
| output                                   |                                                                                                                                                       |
| Rated output voltage                     | 480/277VAC                                                                                                                                            |
| voltage accuracy                         | ±1%                                                                                                                                                   |
| Output frequency                         | Synchronization with input; when the power frequency exceeds the maximum (±10%) (setting (±1%, ±2%, ±4%, ±5%), the output frequency is 50 *(±0.2) Hz. |



|                                    |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| Switching time                     | 0MS                                                                    |
| power factor                       | 1                                                                      |
| Overload capacity                  | Load < 110%, 60 min, < 125%, 10 min, < 150% for 1 min, > 150% for 1min |
| Output Voltage Distortion          | ≤2% linear load                                                        |
|                                    | Less than ≤ 4% Nonlinear Load                                          |
| Efficiency                         | ≥96.5%                                                                 |
| UPS System Communication interface | RS232、RS485、2 Intelligent Slot (Smart Card Slot)                       |
| Battery DC voltage                 | 384VDC                                                                 |
| Support                            | N+X Parallel redundancy                                                |
| <b>Battery</b>                     |                                                                        |
| External battery                   | 32pcs*100AH,100kva / 32pcs*120AH,120kva                                |
| <b>Work environment</b>            |                                                                        |
| working temperature                | 0-40℃                                                                  |
| relative humidity                  | 0-95% (no condensation)                                                |
| Storage temperature                | -25℃-55℃                                                               |
| The altitude                       | <1500m                                                                 |
| Noise                              | 70Db                                                                   |
| Weight (kg)                        | 300kg                                                                  |
| Dimension dxwxh                    | 600 x 850x 1650 mm                                                     |