

**Specifications:**

| MODEL                 |                        | RMG<br>600/30X                                                                                                       | RMG<br>300/30X | RMG<br>180/30X | RMG<br>500/25X | RMG<br>250/25X | RMG<br>150/25X |
|-----------------------|------------------------|----------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| System Capacity       |                        | 600kVA                                                                                                               | 300kVA         | 180kVA         | 500VA          | 250kVA         | 150kVA         |
| Power Module Capacity |                        | 30kVA/27kW                                                                                                           |                |                | 25kVA/25kW     |                |                |
| Input                 | Dual Input             | Optional                                                                                                             |                |                |                |                |                |
|                       | Phase                  | 3 Phase + Neutral + Ground, 380V/400V/415V(line-line)                                                                |                |                |                |                |                |
|                       | Input Voltage Range    | 304~478Vac (line-line),full load; 228V~304Vac (line-line),load decreases linearly according to the min phase voltage |                |                |                |                |                |
|                       | Rate Frequency         | 50/60Hz                                                                                                              |                |                |                |                |                |
|                       | Input Frequency Range  | 40Hz~70Hz                                                                                                            |                |                |                |                |                |
| Bypass                | Input PF               | >0.99                                                                                                                |                |                |                |                |                |
|                       | Input THDi             | <3% （100% Linear load）                                                                                               |                |                |                |                |                |
|                       | Rate Voltage           | 380/400/415VAC （line-line）                                                                                           |                |                |                |                |                |
|                       | Rate Frequency         | 50/60Hz                                                                                                              |                |                |                |                |                |
|                       | Input Voltage Range    | Settable, -40%~+25%                                                                                                  |                |                |                |                |                |
| Output                | Bypass Frequency Range | Settable, ±1Hz, ±3Hz, ±5Hz                                                                                           |                |                |                |                |                |
|                       | Bypass Overload        | 110% long term operation; 125% for 5 mins ;150% for 1 min; 400% for 1s                                               |                |                |                |                |                |

|         |                     |                                                                     |       |
|---------|---------------------|---------------------------------------------------------------------|-------|
|         | Rate Voltage        | 380/400/415VAC (line-line)                                          |       |
|         | Voltage Regulation  | 1% for balance load; 1.5% for unbalance load                        |       |
|         | Rate Frequency      | 50/60Hz                                                             |       |
|         | Frequency Precision | 0.1%                                                                |       |
|         | Output PF           | 0.9                                                                 | 1     |
|         | Output THDu         | <1% , Linear load; <5.5%, Non-linear load                           |       |
|         | Crest Factor        | 3:1                                                                 |       |
| Battery | Inverter Overload   | 110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms |       |
|         | Voltage             | ±240VDC                                                             |       |
|         | Battery Number      | 40pcs (Settable: even number from 32 to 44)±1%                      |       |
|         | Voltage Precision   |                                                                     |       |
|         | Charge Power        | up to 20% * Output active power                                     |       |
|         | Battery Cold Start  | Standard                                                            |       |
|         | Efficiency          | AC Mode                                                             | 95.5% |
|         |                     | ECO Mode                                                            | 99.0% |
|         |                     | Battery Mode                                                        | 95.0% |
| System  | Display             | 10.4" color touch screen LCD + LED + keyboard                       |       |

|          |                      |                                                                           |                               |               |                                |                               |               |               |
|----------|----------------------|---------------------------------------------------------------------------|-------------------------------|---------------|--------------------------------|-------------------------------|---------------|---------------|
|          | IP Class             | IP 20                                                                     |                               |               |                                |                               |               |               |
|          | Interface            | RS232,RS485, Programmable Dry Contact, USB                                |                               |               |                                |                               |               |               |
|          | Option               | SNMP Card, Parallel kit, SPD, LBS,Dust filter, Expansion dry contact card |                               |               |                                |                               |               |               |
|          | Temperature          | Operation: 0～ 40 °C  Storge: -40 ～70 °C                                   |                               |               |                                |                               |               |               |
|          | Relative Humidity    | 0 ～95% Non-condensing                                                     |                               |               |                                |                               |               |               |
|          | Altitude             | <1000m. Within 1000m to 2000m, power derate 1% for every 100m rise        |                               |               |                                |                               |               |               |
|          | Noise (1 meter)      | 72dB@100%load<br>65dB@45%load                                             | 65dB@100%load<br>62dB@45%load |               | 72dB@100 %load<br>65dB@45%load | 65dB@100%load<br>62dB@45%load |               |               |
|          | Applicable Standards | Safety: IEC/EN 62040-1-1 EMC: IEC/EN 62040-2  Performance: IEC/EN 62040-3 |                               |               |                                |                               |               |               |
| Physical | Weight (kg)          | Cabinet                                                                   | 660                           | 220           | 165                            | 660                           | 220           | 165           |
|          |                      | Power module                                                              | 34                            |               |                                | 33                            |               |               |
|          | Dimension W*D*H (mm) | Cabinet                                                                   | 2000*1050*2000                | 600*1100*2000 | 600*1100*1600                  | 2000*1050*2000                | 600*1100*2000 | 600*1100*1600 |
|          |                      | Power module                                                              | 460*790*134                   |               |                                |                               |               |               |
|          |                      |                                                                           |                               |               |                                |                               |               |               |