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|---------------------------------------|------------------------------------------------------------------|
| <b>MODEL</b>                          | <b>G-M6200-48PL</b>                                              |
| Capacity                              | 6.2KVA/6.2KW                                                     |
| Parallel Capability                   | YES,12 Units                                                     |
| <b>INPUT</b>                          |                                                                  |
| Nominal Voltage                       | 230VAC                                                           |
| Acceptable Voltage Range              | 170-280VAC(For personal Computer);90-280vac(For Home Appliances) |
| Frequency                             | 50/60 Hz(Auto sensing)                                           |
| <b>OUTPUT</b>                         |                                                                  |
| Nominal Voltage                       | 220/230VAC $\pm$ 5%                                              |
| Surge Power                           | 12400VA                                                          |
| Frequency                             | 50/60Hz                                                          |
| Waveform                              | Pure Sine wave                                                   |
| Transfer Time                         | 10ms(For personal Computer);20ms(For Home Appliances)            |
| Peak Efficiency                       | 94%                                                              |
| Overload Protection                   | 5s@>=150% load; 10s@110%~150% load                               |
| Crest Factor                          | 3:1                                                              |
| Admissible Power Factor               | 0.6~1 (inductive or capacitive)                                  |
| <b>BATTERY</b>                        |                                                                  |
| Battery Voltage                       | 48VDC                                                            |
| Floating Charge Voltage               | 54VDC                                                            |
| OverCharge Protection                 | 63VDC                                                            |
| Charging Method                       | CC / CV                                                          |
| <b>Solar Charger &amp; AC Charger</b> |                                                                  |
| Solar Charger Type                    | MPPT                                                             |
| Max.PV Array Power                    | 6500W                                                            |
| Max.PV Array Open Circuit Voltage     | 500VDC                                                           |
| PV Array MPPT Voltage Range           | 60VDC~450VDC                                                     |
| Max.Solar Input Current               | 27A                                                              |
| Max.Solar Charge Current              | 120A                                                             |
| Max.AC Charge Current                 | 80A                                                              |
| Max.Charge Current                    | 120A                                                             |
| <b>PHYSICAL</b>                       |                                                                  |
| Dimensions,D x W x H(mm)              | 450*300*130                                                      |
| Package Dimensions,D x W x H(mm)      | 540x390x210                                                      |
| Net Weight(Kg)                        | 12                                                               |
| Communication Interface               | RS232 / RS485 / Dry-contact                                      |
| <b>ENVIRONMENT</b>                    |                                                                  |
| Operating Temperature Range           | (-10°C to 50°C)                                                  |
| Storage Temperature                   | (-15°C ~ 50°C)                                                   |
| Humidity                              | 5% to 95% Relative Humidity ( Non-condensing )                   |