

## Modified Sine Wave DC to AC Power Inverter

NM series 300W to 5000W



### Power inverter

12V/24V/48V



### Application Diagram



Household Appliance



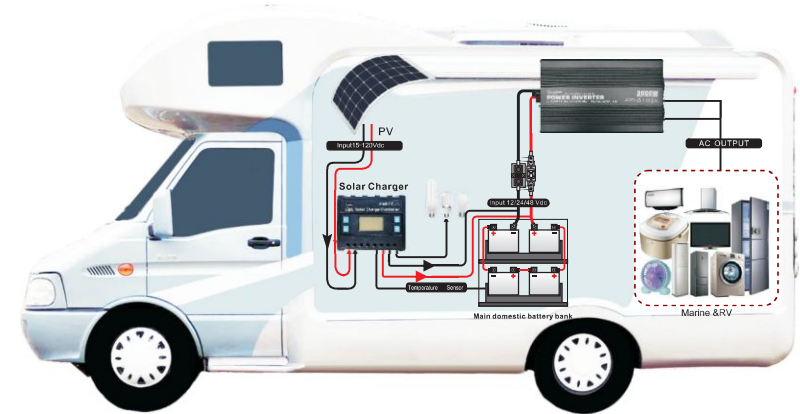
Marine & RV



Solar System



Office Equipment



### Features

- ⊙ Modified sine wave output.
- ⊙ Rated power range from 150W to 5000W.
- ⊙ High surge power.
- ⊙ Fully electric protection: Lower voltage alarm&shutdown, over voltage, earth fault, short circuit, over load, soft start, over temperature, polarity reverse.
- ⊙ Factory default color for case-BLACK, the color can according to customer requirement make it.
- ⊙ USB port:5V 2.1A
- ⊙ The output socket can be choose according to different counties.



### Model choose sheet

| Model                       | NM150  | NM200       | NM300       | NM600       | NM1K      | NM1.5K         | NM2K              | NM2.5K         | NM3K  | NM3.5K | NM4K  | NM5K   |
|-----------------------------|--|-------------|-------------|-------------|-----------|----------------|-------------------|----------------|-------|--------|-------|--------|
| Rated power                 | 150W   | 200W        | 300W        | 600W        | 1000W     | 1500W          | 2000W             | 2500W          | 3000W | 3500W  | 4000W | 5000W  |
| Surge power                 | 300W   | 400W        | 600W        | 1200W       | 2000W     | 3000W          | 4000W             | 5000W          | 6000W | 7000W  | 8000W | 10000W |
| DC input voltage            | 12V or 24V   |             |             |             |           |                | 12V or 24V or 48V |                |       |        |       |        |
| AC output volatge           | 100-127V / 220-240V  |             |             |             |           |                |                   |                |       |        |       |        |
| USB port                    | 5V 2.1A  |             |             |             |           |                |                   |                |       |        |       |        |
| AC output frequency         | 50/60Hz  |             |             |             |           |                |                   |                |       |        |       |        |
| Out wavefom                 | Modified sine wave   |             |             |             |           |                |                   |                |       |        |       |        |
| Lower voltage alarm         | 10.5±0.5V for 12V battery bank(*2 for 24V,*4 for 48V)        |             |             |             |           |                |                   |                |       |        |       |        |
| Lower voltage cut off       | 10±0.5V for 12V battery bank(*2 for 24V,*4 for 48V)          |             |             |             |           |                |                   |                |       |        |       |        |
| Over voltage cut off        | 15.5±0.5V for 12V battery bank(*2 for 24V,*4 for 48V)        |             |             |             |           |                |                   |                |       |        |       |        |
| Over temperatuer cut off    | ambient temperature-10°C+40°C/Internal temperature 55°C-65°C |             |             |             |           |                |                   |                |       |        |       |        |
| Polarity reverse protection | by fuse open   |             |             |             |           |                |                   |                |       |        |       |        |
| Cooling fan                 | control by load/temperature                                  |             |             |             |           |                |                   |                |       |        |       |        |
| Inverter efficiency         | >90%   |             |             |             |           |                |                   |                |       |        |       |        |
| Dimension(L*W*H) (cm)       | 14.5*8*5   | 19*10.2*5.8 | 23*10.2*5.8 | 26.5*20*9.7 | 32*20*9.7 | 36.5*25.2*10.1 | 43.5*25.2*10.1    | 52.8*25.2*10.1 |       |        |       |        |
| Net weight                  | 0.46kg   | 0.46kg      | 0.65kg      | 0.87kg      | 2.2kg     | 2.85kg         | 4.4kg             | 4.8kg          | 5.8kg | 7.3kg  | 7kg   | 8.5kg  |
| Gross weight                | 0.52kg   | 0.52kg      | 0.94kg      | 1.21kg      | 2.7kg     | 3.4kg          | 5.2kg             | 6.3kg          | 6.9kg | 8.5kg  | 9.1kg | 9.6kg  |
| Warranty                    |  |             |             |             |           |                |                   |                |       |        |       |        |