



# Solar Controller For Home use

## PRIP-DN2430



|                                  |                      |                                     |               |
|----------------------------------|----------------------|-------------------------------------|---------------|
| System voltage                   | DC 12V/24V auto work | Rated current                       | 30A           |
| Self-consumption                 | Max 30mA             | Open circuit voltage of solar panel | 32V           |
| Equalize charging voltage        | 14.6V / 29.2V        | Boost charging voltage              | 14.4V / 28.8V |
| Float charging voltage           | 13.8V / 27.6V        | Reconnect charging voltage          | 13.2V / 26.4V |
| Under voltage warning protection | 12V / 24V            | Low voltage disconnect voltage      | 10.7V / 21.4V |
| Low voltage reconnect voltage    | 12.5V / 25V          | Temperature compensation            | -4mV/cell/°C  |
| Terminals                        | 10mm <sup>2</sup>    | Working temperature                 | -35°C ~ 55°C  |
| Overload protection              | 37.5A/60s or 45A/5s  | Reverse polarity protection         | Battery       |

Packing: 54.0 x 43.0 x 22.0 cm / 30pcs / 15kg

## PRIP-DN2450



|                                  |                      |                                     |               |
|----------------------------------|----------------------|-------------------------------------|---------------|
| System voltage                   | DC 12V/24V auto work | Rated current                       | 50A           |
| Self-consumption                 | Max 30mA             | Open circuit voltage of solar panel | 32V           |
| Equalize charging voltage        | 14.6V / 29.2V        | Boost charging voltage              | 14.4V / 28.8V |
| Float charging voltage           | 13.8V / 27.6V        | Reconnect charging voltage          | 13.2V / 26.4V |
| Under voltage warning protection | 12V / 24V            | Low voltage disconnect voltage      | 10.7V / 21.4V |
| Low voltage reconnect voltage    | 12.5V / 25V          | Temperature compensation            | -4mV/cell/°C  |
| Terminals                        | 35mm <sup>2</sup>    | Working temperature                 | -35°C ~ 55°C  |
| Overload protection              | 37.5A/60s or 45A/5s  | Reverse polarity protection         | Battery       |

Packing: 48.0 x 45.0 x 39.0 cm / 24pcs / 20kg