

seconds to enter. Release the button, then each time you press a key mode value will be converted to a number, Long press the button, the display will quickly transform the number until your target voltage, the controller will automatically store The current setting. Than the digital tube display 4 bars and flashing, green light, said storage.

#### use cases:

1. Select the battery voltage(attention: the factory default for 48v battery charging):

Now we need to charge for 60V battery. First, press the button for 10 seconds, the green light goes out, the digital tube flashes, then, release the button, touch the button until the display appears 60, long press 10 seconds storage, digital tube display 4 bars and flashing, green light, that store, set up.

2. customer-defined voltage settings:

For 48V battery, I want to set the charging voltage to 59V. First, press the button for 10 seconds, the green light goes out, the digital tube flashes, then, release the button, touch the button until the display appears "SELF". Long press 5s to enter the voltage setting state. LED display shows F + Value, release the button, touch the button until the display appears target voltage. the controller will automatically store The current setting. Than the digital tube display 4 bars and flashing, green light, said storage.

#### Child lock instruction

1. Open the controller with a digital display tube side, you can see a red 2-bit DIP switch, switch in the "ON" position for the child lock open, "1 2" position for the child lock off. The factory default is child lock off, that is, the user can set according to their needs.

2. After setting, turn dial to "ON" position for the child lock open. IF you need to set again, turn dial to "1 2" position.

#### Technical instruction:

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| <b>Model</b>                           | <b>CTK300-II</b>  |
| <b>Power</b>                           | <b>&lt;=300W</b>  |
| <b>Solar panel input voltage range</b> | <b>12V~50V(solar panel voltage should lower than battery voltage)</b>             |
| <b>MPPT voltage range</b>              | <b>15V~45V</b>  |
| <b>Opposite connect protection</b>     | <b>Fuse fusing</b>  |
| <b>Over voltage</b>                    | <b>28.8V(24V), 43.2V(36V),57.6V(48V), 72.0(60V),86.4V(72V), user free setting</b> |
| <b>Efficiency</b>                      | <b>≥95%</b>   |
| <b>Working voltage</b>                 | <b>-35°C~55°C</b>   |
| <b>Protection lever</b>                | <b>IP54</b>   |
| <b>Size</b>                            | <b>156mm*81mm*43mm<br/>0.45kg</b>   |