

## Special Instruction in Series and Parallel Use of Polinovel 12V LiFePo4 Batteries

### I. Series or parallel use of Polinovel 12V LiFePo4 Batteries

- QTY in series use: max 4pcs
- QTY in parallel use: max 4pcs
- Mixed series and parallel use: NOT allowed
- Max allowed battery current in series or parallel use will be the same as a single battery.
- Voltage difference between 4 batteries should be less than 50mV before hooked up in series or parallel.
- Do not hook up the batteries in different capacity (for example hook up 100Ah battery with 200Ah battery).
- Do not hook up the old batteries with new batteries.

### II. 200A continuous discharging of Polinovel 12V LiFePo4 Batteries

For the batteries with 200A BMS, do not discharge too long time @200A current, because the high discharge current will heat up the battery quickly, and may activate the high temperature protection.

For the batteries with capacity 100Ah or lower, the longest limited working time @200A discharge current is 20mins.

For the batteries with capacity 150Ah or higher, the longest limited working time @200A discharge current is 30mins.