EP3300 TLV (1KW-6KW)
Low Frequency Pure Sine Wave Split Phase Inverter Charger

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INTRODUCTION
This split phase inverter EP3300 TLV series, capacity from 1KW-6KW, DC 12V/24V/48V, it’s applicable to 110VAC/120VAC markets demands, which matches AC 110VAC/120V single phase, or two phase 110VAC/120V 120V/240V; In LCD display, you can set output voltage, frequency, charging voltage, charging current to design best use based on different loads applications; meanwhile, you can also connect extra solar charger controller to build a solar home system, take use of sunshine freely and save electricity bills.

FEATURES
• Pure sine wave output, split phase HOT1+ N + HOT2 available, 120VAC/220VAC
• MFD (multi-function display) & Friendly user interface
• 3 Steps optimizing charge for battery pack
• Overload and short-circuit protection
• Settable: charging/charging current, utility/Battery priority, utility input wide/narrow range
• Inverter voltage can be set to 100V/110V/120V
• Inverter frequency can be set to 50/60Hz

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tbody>
<tr>
<td>V</td>
<td>Rated power 1-6KW</td>
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<tr>
<td></td>
<td>Battery DC voltage 12V, 24V, 48V</td>
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<td></td>
<td>Wide AC input range 155-280Vac</td>
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<td></td>
<td>Wide frequency 40HZ-80HZ</td>
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<td>Home solar system</td>
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<td>Battery smart charge design</td>
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<td>Pure copper UI transformer</td>
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<td>3 times surge power based on capacity 1KW-6KW</td>
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<td>Multi protection</td>
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<td>Pure sine wave</td>
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SMART BATTERY CHARGERS - 3 SETPS OPTIMIZING BATTERY CHARGE

Boost CC Stage: If A/C input is applied, the charger will run at full current in CC mode until the charger reaches the boost voltage.

Boost CV Stage: the charger will keep the boost voltage in Boost CV mode until the charge current less 6A continue 1minute or keep the boost voltage time more than 2hours. Then drop the voltage down to the float voltage.

Float Stage: In float mode, the voltage will stay at the float voltage. If the A/C is reconnected, the charger will reset the cycle above.

Solar Inverter System Connection:
Power Inverter + Battery + Solar Panels + Grid + Applicaiton Loads
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1. LCD Setting
2. AC Status LED
3. Inverter Status LED
4. Fault Warning LED
5. MENU
6. Page up
7. Page down
8. Enter and confirm
9. Switch on / off
10. AC OUTPUT1: HOT1 - N 120VAC/110 VAC/115VAC
11. AC OUTPUT2: HOT2 - N 120VAC/110 VAC/115VAC
12. AC INPUT: HOT1 - HOT2 240VAC/220 VAC/230VAC
13. AC OUTPUT: HOT1 - HOT2 240VAC/220 VAC/230VAC
14. 5.15AMAX JFCl Output 110V/115V/120V Socket, 15A MAX
15. Battery -/+