Product Snapshot

Model: 3-5.5kW
Nominal Voltage: 220/230/240VAC
Frequency Range: 50Hz/60Hz

Hybrid Operation

With battery connected

Without battery connected

Key Features:

- On&off grid
- PV and utility power take the load at same time (can setting)
- Output power factor PF=1.0
- AC charging and AC output time setting
- Charging voltage and charging current timing
- External Wi-Fi device optional
- Connected with battery optional
- Wide PV Input Range (120-450VDC)
## REVO-E Series

**Wall Mounted Integrated Solar Power Inverter Technical Specification**
**Built-in MPPT Solar Controller**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>REVO-E 3k-24</th>
<th>REVO-E 3.2k-48</th>
<th>REVO-E 5.5k-48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max PV Array Power</td>
<td></td>
<td>4500W</td>
<td></td>
</tr>
<tr>
<td>Rated Output Power</td>
<td>3000W</td>
<td>3200W</td>
<td>5500W</td>
</tr>
<tr>
<td>Maximum PV Array Open Circuit Voltage</td>
<td>500VDC</td>
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<td></td>
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<tr>
<td>MPPT Range @ Operating Voltage</td>
<td>120-450VDC</td>
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</tr>
<tr>
<td>MPPT Tracker Number</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### GRID-TIE OPERATION

**GRID OUTPUT (AC)**
- Nominal Output Voltage: 220/230/240VAC
- Output Voltage Range: 184-265VAC
- Nominal Output Current: 15A
- Efficiency: Up to 93.5%

### OFF-GRID, HYBRID OPERATION

**GRID INPUT**
- Acceptable Input Voltage Range: 90-280VAC or 170-280 VAC
- Frequency Range: 50Hz/60Hz (Auto sensing)

**BATTERY MODE OUTPUT (AC)**
- Nominal Output Voltage: 220/230/240VAC
- Output Wave form: Pure sine wave

**BATTERY & CHARGER**
- Nominal DC Voltage: 24VDC, 48VDC
- Maximum Solar Charge Current: 90A
- Maximum AC Charge Current: 60A
- Maximum Charge Current: 90A

**Emergency output power**
- Maximum output Power: 3000W, 3200W, 5500W
- Automatic Transfer Time: <10ms

### GENERAL

**INTERFACE**
- Parallel Function: Optional
- Communication: USB or RS232/Dry-Contact

**ENVIRONMENT**
- Humidity: 0~90% RH (No Condensing)
- Operating Temperature: 0 to 50 °C