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INT-DG5-EN11-0102-11



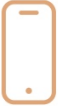
# Portable Energy Storage System

INT-DG5-EN11-0102-11

# 3000W



## Technical Specifications

|                                                                                                                                      |                                                                                                                                          |                                                                                                                                 |                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Smart Phone 10Wh</b><br> <b>225+</b><br>Recharge | <b>Laptop 40Wh</b><br> <b>56+</b><br>Recharge           | <b>Drone 85Wh</b><br> <b>26+</b><br>Recharge   | <b>LED Bulb 20W</b><br> <b>112+</b><br>Hours    |
| <b>TV 75W</b><br> <b>30+</b><br>Hours               | <b>Electronic Hand Tool 40W</b><br> <b>56+</b><br>Hours | <b>Mini Fridge 40W</b><br> <b>56+</b><br>Hours | <b>Slow Cooker 200W</b><br> <b>11+</b><br>Hours |

Calculations may vary depending on the efficiency of the load device. Therefore, the calculations are based on theoretical assumptions and may differ under actual field conditions, equipment specifications, and system performance. Final evaluations should be made by taking into account the efficiency of the device and the operational scenarios.

| Basic Parameters                                                                                                                                                 |                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Battery Type</b>                                                                                                                                              | LiFePO4                                                 |
| <b>Capacity</b>                                                                                                                                                  | 3072Wh (51.2V / 60Ah)                                   |
| <b>Weight</b>                                                                                                                                                    | 33.4 kg                                                 |
| <b>Dimensions (L×W×H)</b>                                                                                                                                        | 560 × 450 × 230 mm                                      |
| Output Specifications                                                                                                                                            |                                                         |
| <b>AC Output (*2)</b>                                                                                                                                            | Pure sine wave<br>3000W (Peak Power 6000W)<br>220V 50Hz |
| <b>QC3.0 Output (*3)</b>                                                                                                                                         | 5V / 2.4A, 9V / 2A, 12V / 3A<br>Max 36W                 |
| <b>TYPE-C Output (*3)</b>                                                                                                                                        | 5 / 9 / 12 / 15 / 20V / 3A<br>Max 60W                   |
| <b>Car Charging Output (*3)</b>                                                                                                                                  | 12V / 10A<br>Max 120W                                   |
| Protection Features                                                                                                                                              |                                                         |
| <ul style="list-style-type: none"> <li>• High &amp; low temperature protection</li> <li>• Over-discharge protection</li> <li>• Over-charge protection</li> </ul> |                                                         |

| Input Specifications                             |                                                         |
|--------------------------------------------------|---------------------------------------------------------|
| <b>AC Input</b>                                  | 220V 50Hz<br>Ability to charge with an external adapter |
| <b>Solar Charging Input</b>                      | MPPT 11V-31V 10A<br>31V-80V 15A<br>Max 800W             |
| <b>Car Charging Input (WF20 two-core socket)</b> | Supporting 12V / 24V                                    |
| Operating Temperature                            |                                                         |
| <b>Optimum Use of Ambient Temperature</b>        | 20°C ~ 30°C                                             |
| <b>Discharge Operating Temperature</b>           | -20°C ~ 65°C                                            |
| <b>Charging Operating Temperature</b>            | 0°C ~ 45°C                                              |
| <b>Storage Temperature</b>                       | -20°C ~ 45°C<br>(optimum: 20°C ~ 30°C)                  |