

# GRID GUARD OFF-GRID 40 SERIES

## POWER STATION MODULE

Hourly Solar Production

**20,720 Watts** +10% to 30% production

Usable Battery Storage @ 50% DOD

**430 kilowatts**

Hybrid Inverter

**50 kilowatts**

Auxiliary Generator (optional)

**20 to 100 kilowatts**



### SOLAR INPUT POWER

**20.72 kWp | 370W Monocrystalline Bifacial Solar Panels**

Bifacial modules produce solar power from both sides of the panel, yielding a 10% to 30% increase in production.

### INVERTER OUTPUT POWER

**50 Kilowatt Hours**

Hybrid Inverter | 120/220/230/240VAC - 50/60Hz  
Single or Three-Phase

### STORAGE POWER

**430kWh of usable power**

4,500 Cycles @ 50% Depth of Depletion  
Maintenance-Free, Sealed Lead Acid Carbon batteries

### PHYSICAL DIMENSIONS

Weight	<b>30,277kg</b>	<b>66,750lbs</b>
Module Length	<b>12.19m</b>	<b>40ft</b>
Total Length	<b>14.1m</b>	<b>46.25ft</b>
Module Height	<b>2.59m</b>	<b>8.5ft</b>
Total Height	<b>4.6m</b>	<b>15.1ft</b>
Module Width	<b>2.43m</b>	<b>8ft</b>
Total Width	<b>8.05m</b>	<b>26.4ft</b>
Area needed	<b>120m<sup>2</sup></b>	<b>1,295ft<sup>2</sup></b>

### BATTERY STORAGE OPTIONS

BT20-160	<b>215kWh of Storage</b>
BT40-192	<b>258kWh of Storage</b>
BT40-256	<b>344kWh of Storage</b>
BT40-320	<b>430kWh of Storage</b>

