

**High Efficiency Grid-Tied Kit**

Grape Solar poly-crystalline photovoltaic modules
 PVP Powered PVP-3000 inverter
 UniRac mounting system

Overview

The Grape Solar 3680Watt Grid-Tied PV Kit can generate between 336kWh and 672kWh of electricity per month. This works out to roughly half of the electrical power consumption of an average 1200 square foot home. The kit consists of Grape Solar CS-P-230-DJ Poly-Si modules, a PVP-3000 inverter and a roof-top racking system for mounting the modules.

Unlike other generators, there are no mechanical moving components in the Grape Solar 3680 Watt Grid-Tied Kit; therefore, maintenance is virtually non-existent.

Applications

- Grid-tied solar power station
- Residential or Commercial
- Roof-top asphalt shingle mounts (other options available upon request)

Warranty*Grape Solar Panels*

- 10 year limited product warranty on materials and workmanship
- 10 year warranty on >90% power output
- 25 year warranty on >80% power output
- Refer to warranty document for detailed warranty information

PV Powered Inverter

- 10 year limited product warranty on materials and workmanship

UniRac Racking

- 10 year limited product warranty on materials and workmanship

Incentives

This kit is eligible for federal, state and local utility rebate/incentive programs. For more information visit <http://www.dsireusa.org> or call Grape Solar to locate a knowledgeable installer near you.

Output

To determine what percentage of your utility bill this kit will offset, call Grape Solar for a quick analysis.



Package Wattage (W)	3680
PV Module	CS-P-230-DJ
# of Modules	16
Inverter	PV Powered PVP-3000
# of Inverters	1
Inverter Accessories	Inverter-Integrated AC/DC System Disconnect
Racking System	For array direct mounting on asphalt shingle pitch roof or curved tile roof. Wind load 85mph. Attachment Span 48".
168" Rail (Aluminum, Clear Anodized)	8
126" Rail (Aluminum, Clear Anodized)	0
84" Rail (Aluminum, Clear Anodized)	0
QuickMount for Composition, QMSC A.	28
UniRac Serrated L-Feet Clear Anodized	28
Grounding Lug with Mounting Hardware	4
UniRac Grounding Clip 1 (UGC-1)	16
Wiley Bonding Jumper	4
UniRac Clamp END "D" 38-40 mm Module, Clear Anodized	8
UniRac Clamp MID "A, B, C & D" Module, Clear Anodized	32
UniRac Standard Rail Splices	4
UniRac Bolt, 1/4"x 5/8", Flange Nut (Bag of 20) for micro-inverter attachment	0
AC Junction Box	0
Micro-inverter installation kit (EKIT)	0
Roof Space Required for Array Direct Mounting (square feet)	288
Array Layout	2 x 8
Inverter String Sizing	2 x 8

www.GrapeSolar.com

For service, support or qualified installers, please call

1-877-264-1014

Consult your local utility company for grid connection

Grape Solar reserves the rights to modify these specifications without notice.

Rev.01•0511