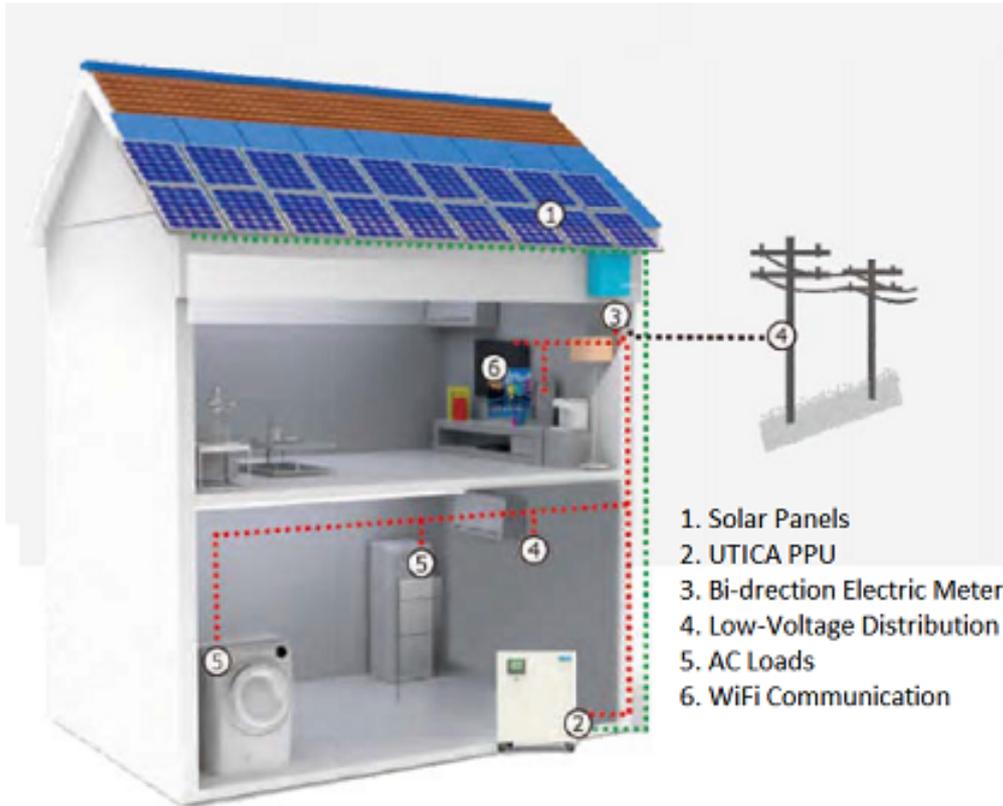




## UTICA® 5000-5670 2D Solar Energy System



### Application

- Off grid power supply for places with lack of electricity or unstable utility, or remote area without access to AC electricity ;
- Backup power supply for hospital, bank, school, church, temple, etc ;
- Power supply for small business activity ;
- UPS for typical application required uninterrupted power supply ;
- Outdoor power supply for lighting, cooking, recreation, farming, fishing, etc

## All-in-one On/Off Grid Solar UTICA PPU

- ◆ **Metal Casing**-strong, durable, safe;
- ◆ **Omni-directional Wheel**-easy to move, lockable after Positioning;
- ◆ **Touch LCD**-customized parameters can be set for various applications;
- ◆ **Feed into Grid**-excessive electricity can be sold for profit;
- ◆ **Remote Monitoring**-know your gear anywhere anytime;
- ◆ **UPS Function**-uninterrupted power supply for backup 7x24.



<b>Technical Data</b>	<b>2D 5000-5670</b>
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### Solar Panel

Max power	5670Wp (270Wp x 21)
Each Solar Module Size	1665 x 991 x 38mm (18kg)
Total Weight	378kg
Total Estimated Area for Solar Panels	42m <sup>2</sup>
Power/day	18kWh

### AC output (Loads)

Nominal AC voltage (adjustable)	230V
Nominal frequency (adjustable)	50Hz
Continuous AC power at 25 °C / 45 °C (77 °F / 113 °F)	5670W
THD output voltage / power factor (cos φ)	<5%
Type	On/Off Grid

### PV Charge

Input Power	5670Wp
Start-up Voltage	75Vdc
MPPT Input Port	2
MPPT Input Voltage	75~140Vdc
Max Input Voltage	150Vdc
MPPT Efficiency	99.5%
Max Efficiency	>96%

### Battery

Battery Capacity	12kWh
Battery Type	Li-ion Battery

### Solar PPU General

Relative Humidity	5%~90%
Temperature	0~45°C
Product Dimension	780x392x837mm
Packing Dimension	883×551×1075mm
Net Weight	195Kg
Gross Weight	239kg

UTICA<sup>®</sup>