

New innovation for renewable energy environment

RENEWABLE HYBRID ENERGY SYSTEM





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OVERVIEW

Quick Details

Place of Origin	REPUBLIC OF KOREA	Brand Name	WEPCO
Model Number	WP-XXkW-On/Off	AC Connection	Single or Three Phase
Application	Home, Residential, Commercial, Resort, Guest house etc.,	Output Voltage(V)	AC110V/220V/240V
Load Power(W)	Optimum capacity depending on site	Solar Power(W)	Optimum capacity depending on site
Work Time(H)	24 Hours	System Type	On/Off Grid
AC Frequency	50Hz or 60Hz	System Warranty	5 Years
Life Span	20 Years	System Efficiency	>90%
Certificate	CE/UL/ISO/IEC61215/IEC61730	OEM Order	Acceptable

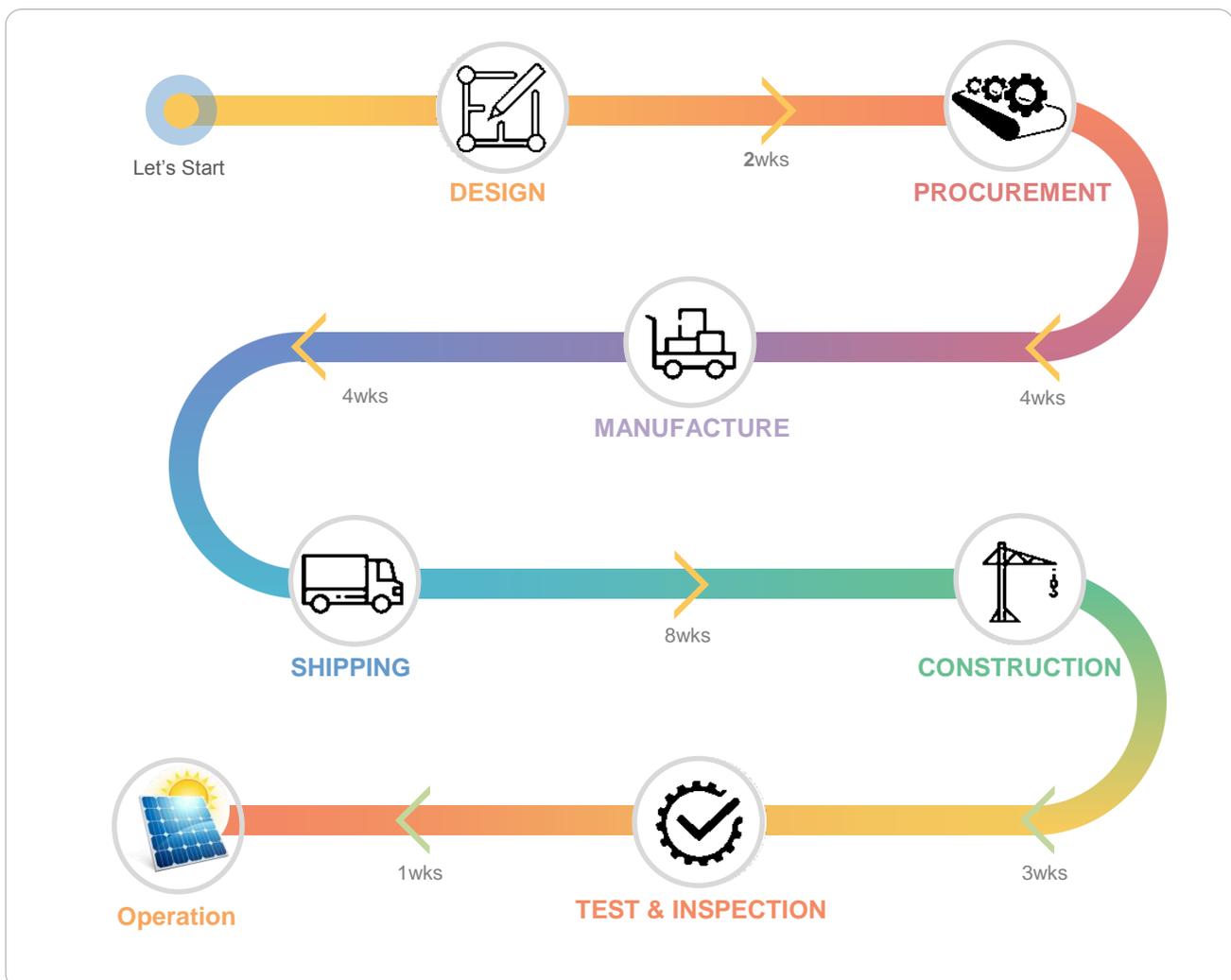
Supply Ability

- 2,000 Unit/Units per Week

Packaging & Delivery

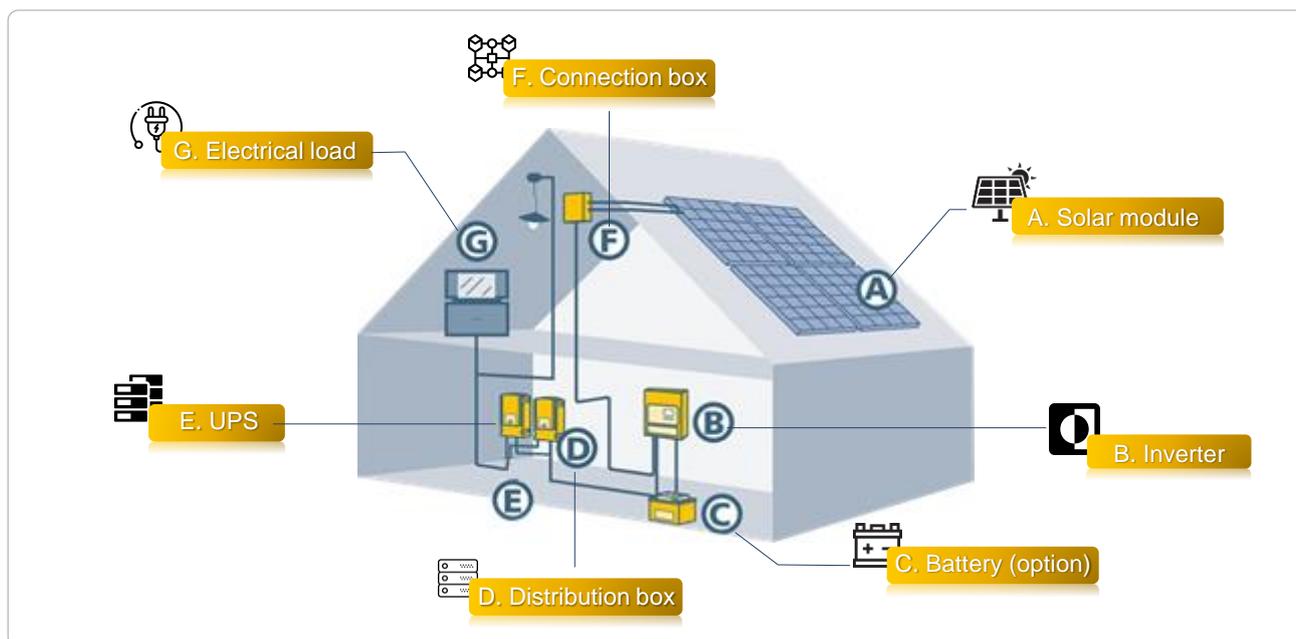
Packaging Details	Carton box, Wooden box and Wooden pallet
Port	Busan port
Lead Time	Shipped in 10 days after payment

Construction Schedule



PRODUCT DESCRIPTION

Solar System Configuration



Technology Information

Installation site	Roof, Ground
Installation slope	5~20 degrees
Foundation	Roof, Concrete or screw
Module arrangement	In rows or columns
Main material	Aluminum or Steel
Fastener material	Stainless steel
Standards	Relevant standards and regulations
Quality assurance	5 years warranty and 20 years life span

Module

- Q.ANTUM SOLAR MODULE



LOW ELECTRICITY GENERATION COSTS

Higher yield per surface area and lower BOS costs thanks to higher power classes and an efficiency rate of up to 18.8%



INNOVATIVE ALL-WEATHER TECHNOLOGY

Optimal yields, whatever the weather with excellent low light and temperature behavior



ENDURING HIGH PERFORMANCE

Long-term yield security with Anti LID Technology, Anti PI Technology, Hot-Spot Protect and Traceable Quality



EXTREME WEATHER RATING

High-tech aluminum alloy frame, certified for high snow (5400 Pa) and wind loads(2400 Pa)



A RELIABLE INVESTMENT

Inclusive 12-year product warranty and 25-year linear performance guarantee



- Different manufacturers are available!
- Always choose the best suitable panels for every project.

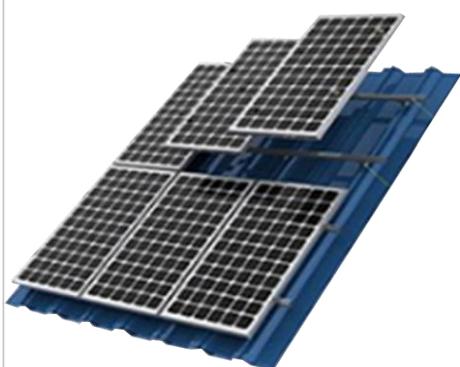
Product Technology

Nominal Power	360 – 370 Wp
Efficiency	Up to 18.8 %
Maximum System Voltage	1500 (IEC) / 1500 (UL)
Wind/Snow Load	2400 / 5400
Format	78.5 in x 39.4 in x 1.38 in (including frame)
Weight	5.9 lbs (24 kg)
Warranty	At least 98% nominal power during first year, Thereafter max. 0.060% degradation per year. At least 83.6% nominal power up to 25 years
Nominal Power	360 – 370 Wp

PRODUCT DESCRIPTION

Frame

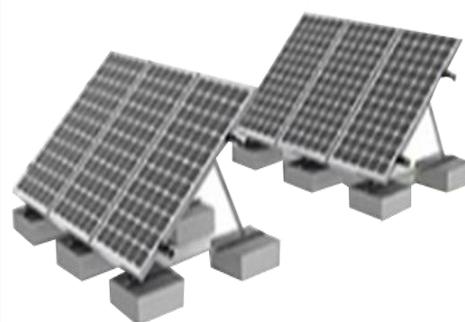
**METAL SHEET ROOF
PV MOUNTING SYSTEM**



**OPEN TERRAIN
CLIP-ON MOUNTING SYSTEM**



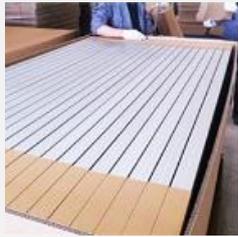
**FLATROOF
PV MOUNTING SYSTEM**



Reference Picture



PACKING & SHIPPING



PROJECT

Energy Independent Island in Korea



PV(130 kW) + ESS(500kWh) - Sangtae Island, Korea



**PV(150 kW) + ESS(1.2MWh)
Samma Island, Korea**



**PV(30 kW) + ESS(200kWh)
Wado Island, Korea**

Energy Independent Island in Overseas



PV(290 kW) + ESS(1MWh) - Malahini Kuda Bandos Resort, Maldives



30 kW Korea Institute of Ocean Science and Technology (KIOST), Micronesia



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