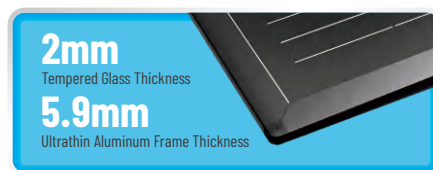
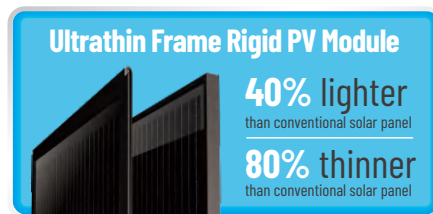


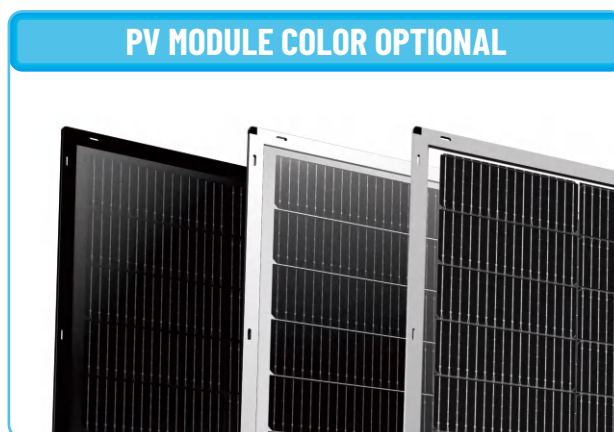
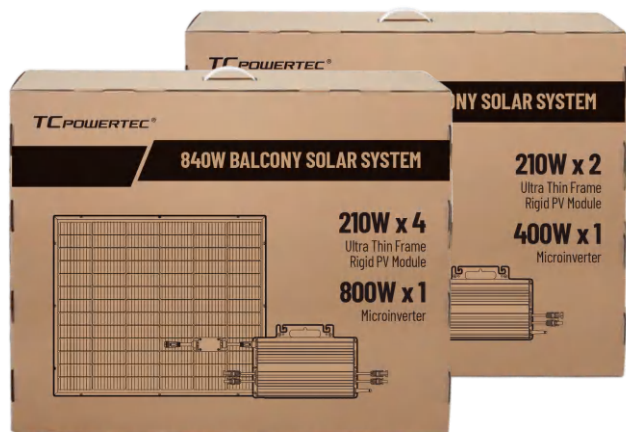
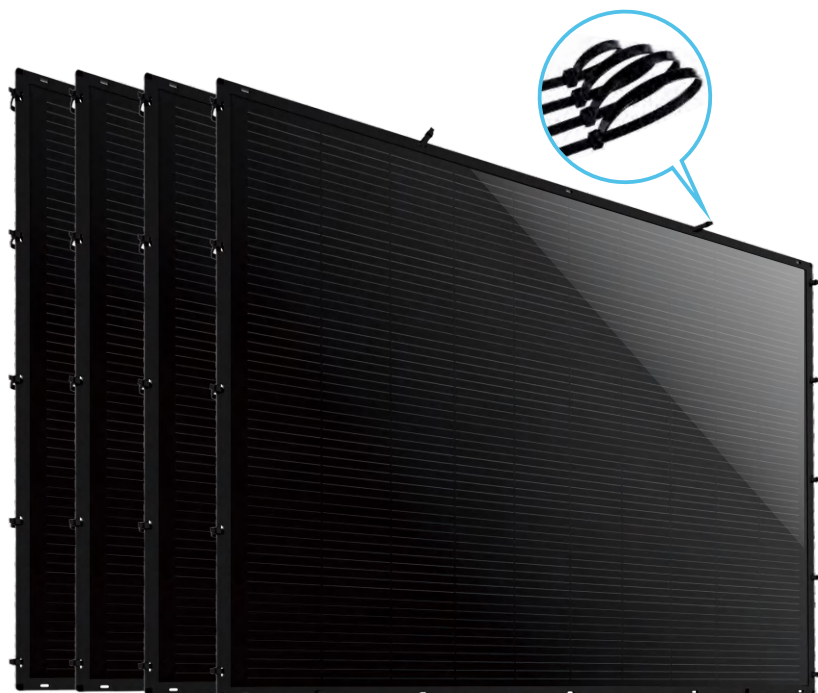
Ultra Thin Frame Rigid PV Module

420/840W BALCONY SOLAR KITS

Balcony Solar Kit is a revolutionary product that is designed to be lightweight and have low load requirements for fences. The lightweight design ensures that it can be easily installed on any fence without causing any structural damage.

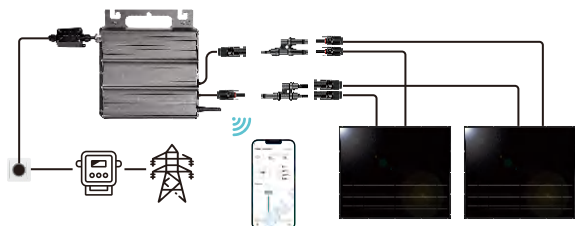


Industrial Zip Ties



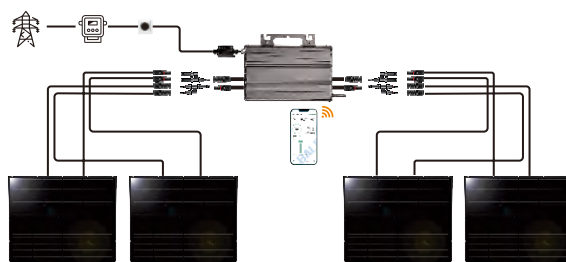
420W BALCONY SOLAR KITS

PV Module: 210W x 2 Inverter: 400W x 1



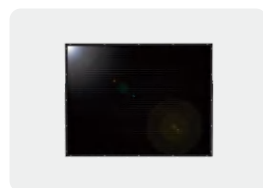
840W BALCONY SOLAR KITS

PV Module: 210W x 4 Inverter: 800W x 1



MODEL	AR-BLS420	AR-BLS840
PV Input Parameter		
Max. Power at STC (Pmax)	420W (210W x 2)	840W (210W x 4)
Optimum Operating Voltage(Vmp)	44.46V	
Optimum Operating Current(Imp)	4.72A	
Open Circuit Voltage(Voc)	53.04V	
Short Circuit Current(Isc)	5.01A	
Module Efficiency(%)	18.60%	
Power Tolerance	+3%	
Color	Black	
AC Output Parameter		
Rated Output Power (VA)	400	800
Rated Output Current (A)	1.5	3.0
Nominal Output Voltage (V)	230	230
Nominal Frequency/Range(Hz)	47.5-51.5	47.5-51.5
Power Factor (adjustable)	>0.99	>0.99
Total Harmonic Distortion	<5%	<5%
Maximum Units per Branch	13	7
Certification		
PV Module	CE,TUV,CQC,IEC 61215,IEC 61730	
Microinverter	VDE-AR-N 4105:2018, EN 50549-1:2019; VFR2019; IEC/EN 62109-1/-2; IEC/EN 61000-6-1/2/3/4; IEC/EN61000—3-2/-3	
Packaging information		
420 Package	1305*1025*105mm	
840 Package	1305*1025*150mm	

PACKAGE INCLUDES



210W PV MODULE



400/800W MICROINVERTER



INDUSTRIAL ZIP TIES



AC END CABLE (5M)



T BRANCH PARALLEL CONNECTOR

Ultra Thin Frame Rigid PV Module

420W BALCONY SOLAR STORAGE SYSTEM

A balcony solar energy storage solution that integrates PV generation and energy storage functions, using microinverters and energy storage systems to provide more economical, safe, and environmentally friendly energy options.



Ultrathin Frame Rigid PV Module



40% lighter
than conventional solar panel

80% thinner
than conventional solar panel

2mm

Tempered Glass Thickness

5.9mm

Ultrathin Aluminum Frame Thickness



210w ULTRATHIN FRAME PV MODULE **x 2**

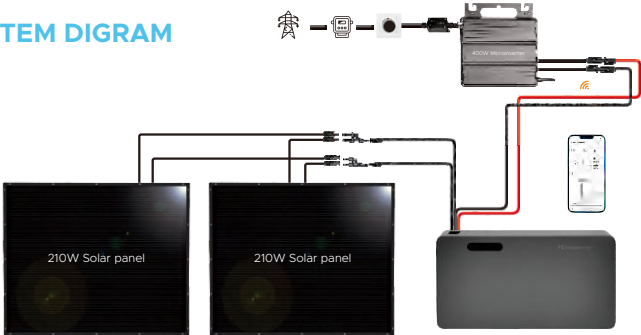
1.5kwh LiFeP04 Battery

400w Microinverter

TECHNICAL DATA

MODEL	TCPBSS-400
PV Input Parameter(Solar Panel)	
Max. Power at STC(Pmax)	210W Thin Frame Rigid PV Module x 2
Optimum Operating Voltage(Vmp)	210W
Optimum Operating Current(Imp)	44.46V
Open Circuit Voltage(Voc)	4.72A
Short Circuit Current(Isc)	53.04V
Module Efficiency(%)	5.01A
Power Tolerance	18.6%
PV Input Parameter (Micro Inverter)	
Rated Output Power(VA)	400W
Rated Output Current(A)	1.7A
Nominal Output Voltage(V)	230(210-250Vac)
Nominal Frequency/Range(Hz)	47.5-51.5Hz
Power Factor(adjustable)	>0.99/0.95leading...0.95lagging
Total Harmonic Distortion	<5%
Maximum Units per Branch	11
Battery	
Battery type	LiFePO ₄
Power capacity	1.5kwh
Depth of discharge (DoD)	95%
Rated voltage	44.8v
Operating voltage range	35V-50.4V
Max charging current	35A
Max discharging current	60A
Cycle lifetime	>3000times
Operating temperature range	-20°C-60°C
Humidity	0-85%
Newsletter	RS485
Extensibility	Parallel
Packaging information	
Package 1 (Solar Panel, Microinverter)	1290*1000*150mm
40HQ	270 PCS
Package 2 (Battery)	590*190*330mm
20GP	400 PCS

SYSTEM DIGRAM



CERTIFICATION

- PV Module**

CE, TUV, IEC 61215,IEC 61730
- Micro Inverter**

VDE-AR-N 4105:2018,EN 50549-1:2019;
VFR2019;IEC/EN 62109-1/-2
IEC/EN 61000-6-1/2/3/4;IEC/EN61000-3-2/-3
- Battery**

RoHs, CE-EMC, FCC-SDOC, IEC62619, UN38.3

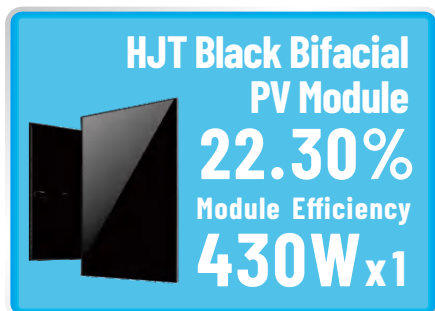
HJT Black Bifacial PV Module

430W BALCONY SOLAR SYSTEM

Users only need to open the package and operate simply to complete the assembly of the system in 2 minutes, which is fast and convenient. It is a cutting-edge product that is designed for flat ground, balcony, wall mount, fence hanging.



***Flat Ground *Balcony**
***Wall Mount *Fence Hanging...**



TECHNICAL DATA

MODEL	TCPBSS-400P
PV Input Parameter(Solar Panel)	
Max. Power at STC(Pmax)	430W Solar Panel x 1
Optimum Operating Voltage(Vmp)	430W
Optimum Operating Current(Imp)	25.26V
Open Circuit Voltage(Voc)	17.02A
Short Circuit Current(Isc)	30.00V
Module Efficiency(%)	17.92A
Power Tolerance	22.30%
PV Input Parameter (Micro Inverter)	
Rated Output Power(VA)	400W
Rated Output Current(A)	1.7A
Nominal Output Voltage(V)	230(210-250Vac)
Nominal Frequency/Range(Hz)	47.5-51.5Hz
Power Factor(adjustable)	>0.99/0.95leading...0.95lagging
Total Harmonic Distortion	<5%
Maximum Units per Branch	11
Battery	
Battery type	LiFePO ₄
Power capacity	1.34kwh
Depth of discharge (DoD)	95%
Rated voltage	44.8v
Operating voltage range	35V-50.4V
Max charging current	35A
Max discharging current	60A
Cycle lifetime	>3000times
Operating temperature range	-20°C-60°C
Humidity	0-85%
Newsletter	RS485
Extensibility	Parallel
Packaging information	
Package 1 (Solar Panel, Micro Inverter, Bracket)	1800*1120*140mm
40HQ	208 PCS
Package 2 (Battery)	590*190*330mm
20GP	400 PCS

SYSTEM DIGRAM



CERTIFICATION

PV Module

CE, TUV, CQC, IEC 61215, IEC 61730

Micro Inverter

VDE-AR-N 4105:2018, EN 50549-1:2019;
VFR2019; IEC/EN 62109-1/-2
IEC/EN 61000-6-1/2/3/4; IEC/EN 61000-3-2/-3

Battery

CE, RoHS