



CORPORATION

Photovoltaic Generation-Storage-Application System Supplier

SOLAR POWER SYSTEM



T&O CORPORATION CO., LTD.

18+

18 industrialization 5.0 factories

20%

Invest 20% of annual income in new product research and development every year

100+

With more than 100+ distributors and partners all over the world

ODM

ODM best service

40+

R&D team more than 40 people

100+

Patent certificate

Provincial high-tech enterprise Provincial gazelle enterprise

Patent certificate

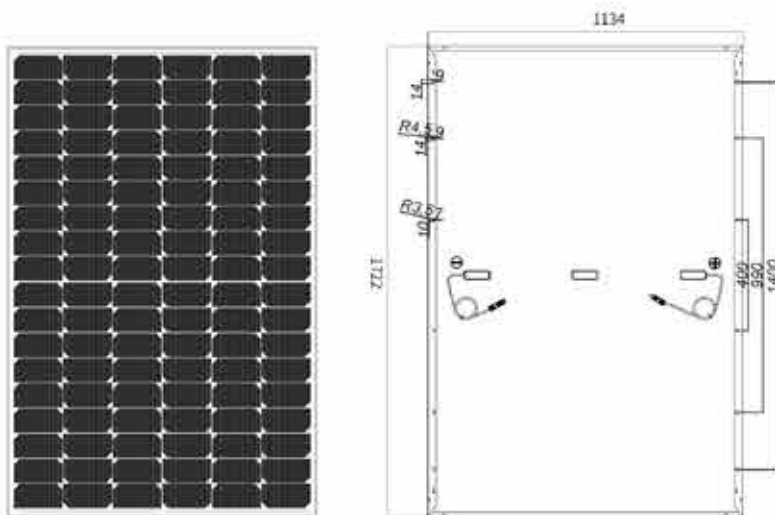
Complete system certificates





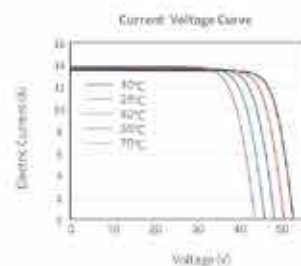
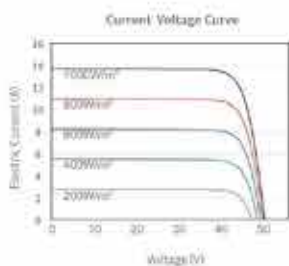
CORPORATION

400W SOLAR PANEL MONO-CRYSTALLINE



Electrical Characteristics

Maximum Power at STC(P _{max})	400W
Optimum Operating Voltage(V _{mp})	32.72V
Optimum Operating Current(I _{mp})	12.23A
Open-Circuit Voltage(V _{oc})	36.99V
Short-Circuit Current (I _{sc})	13.40A
Component Efficiency (%)	22.4%
Temperature Coefficient (P _{max})	-0.34%/°C
Temperature Coefficient (V _{oc})	-0.27%/°C
Temperature Coefficient (I _{sc})	+0.045%/°C
Maximum Fuse Rated Current	30A
Operating Temperature	-40°C~85°C
Max System Voltage	1500V DC
Power Tolerance	±3%



*Specifications are subject to change without notice at any time.

📍 : บริษัท ทีแอนด์โอ คอร์ปอเรชั่น จำกัด (T&O CORPORATION CO.,LTD.)
: (สำนักงานใหญ่) เลขที่ 26/18 หมู่ที่ 5 ตำบลคูคต อำเภอลำลูกกา จังหวัดปทุมธานี 12130
☎ : Tel. 081-357-2676, 084-101-1122, 092-685-9955
✉ Email : Tand02564@gmail.com
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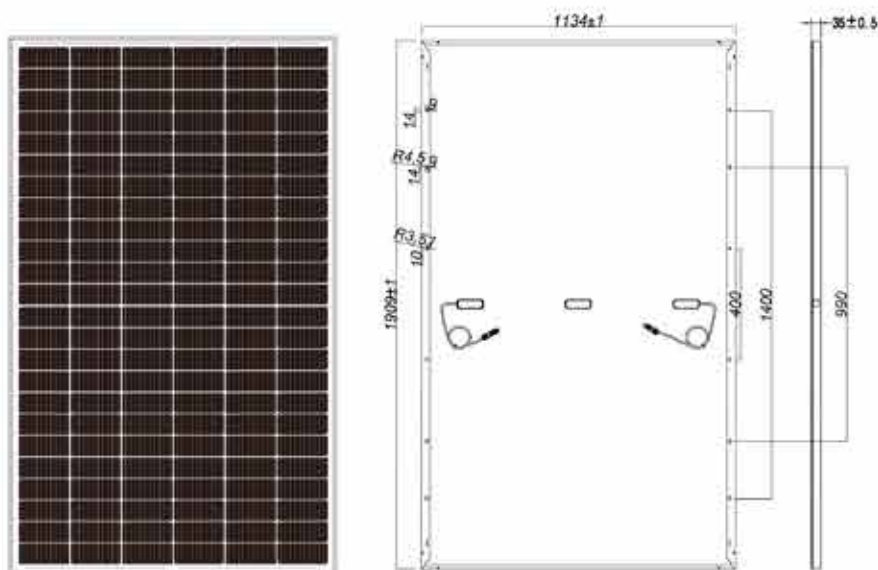
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CORPORATION

450W

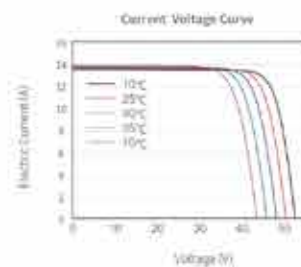
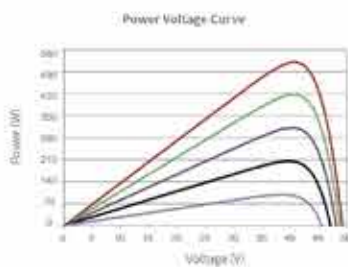
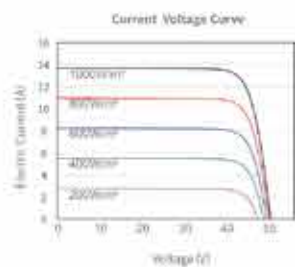
SOLAR PANEL
MONO-CRYSTALLINE



20 -year quality assurance ;
20 -year linear output power guarantee.

Electrical Characteristics

Maximum Power at STC(P _{max})	450W
Optimum Operating Voltage(V _{mp})	36.6V
Optimum Operating Current(I _{mp})	12.30A
Open-Circuit Voltage(V _{oc})	41.22V
Short-Circuit Current (I _{sc})	13.40A
Component Efficiency (%)	22.8%
Temperature Coefficient (P _{max})	-0.34%/C
Temperature Coefficient (V _{oc})	-0.27%/C
Temperature Coefficient (I _{sc})	+0.045%/C
Maximum Fuse Rated Current	30A
Working Temperature	-40°C~+85°C
Max System Voltage	1500V DC
Power Tolerance	±3%



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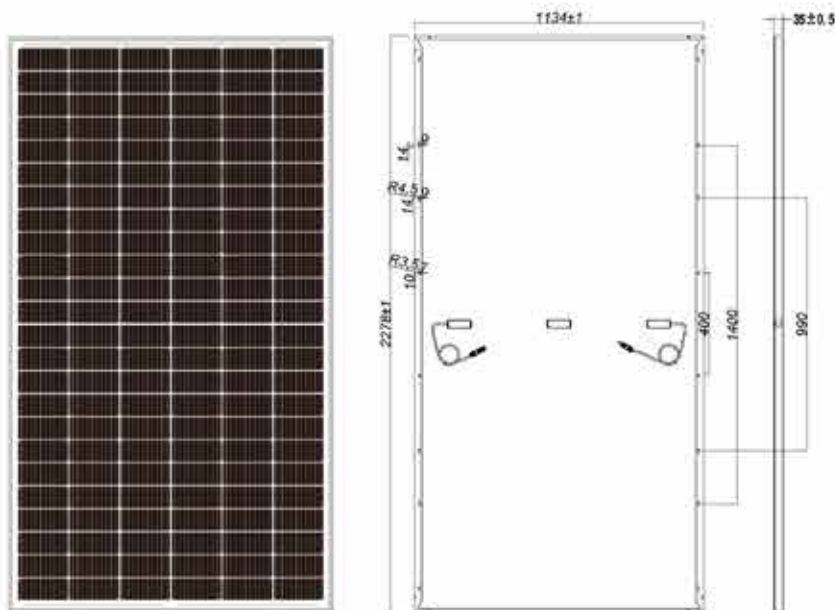


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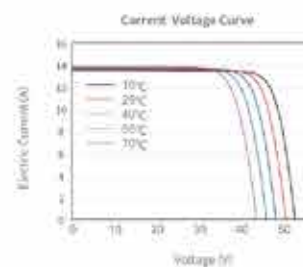
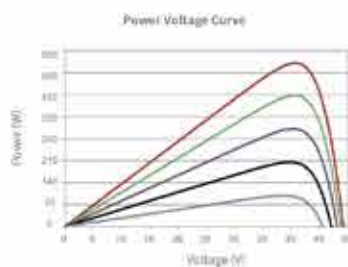
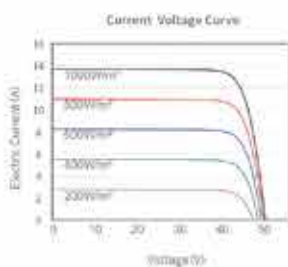
CORPORATION

550W SOLAR PANEL MONO-CRYSTALLINE



Electrical Characteristics

Maximum Power at STC(P _{max})	550W
Optimum Operating Voltage(V _{mp})	44.14V
Optimum Operating Current(I _{mp})	12.46A
Open-Circuit Voltage(V _{oc})	49.68V
Short-Circuit Current (I _{sc})	13.50A
Component Efficiency (%)	23.3%
Temperature Coefficient (P _{max})	-0.34%/C
Temperature Coefficient (V _{oc})	-0.27%/C
Temperature Coefficient (I _{sc})	+0.045%/C
Maximum Fuse Rated Current	30A
Working Temperature	-40°C~+85°C
Max System Voltage	1500V DC
Power Tolerance	±3%



*Specifications are subject to change without notice at any time.

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T&O CORPORATION CO., LTD.



LiFePO₄ Battery Pack

BCT-UU 48-200/250/300

10.24/12.8/15.36kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	200Ah/250Ah/300Ah
Nominal Voltage	48V(51.2V)
Input	
Full Charge Voltage	56V-60V
Maximum Charging Voltage	90V
Input Voltage Range	60V-100V
Continuously Use Input Current	100A
Output	
	100A
Discharge Cut-off Voltage	38V-48V
Instant Start Current	300A
Instant Start Current Time	10S
Battery	
Cell Type	LiFePO ₄ Battery/LFP
Depth of Discharge	>80%
C-rate Discharge	<0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Product Size	798(±2)×565(±2)×401(±2)mm
Package Size	903(±5)×671(±5)×451(±5)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO4 Battery Pack

BCT-UU 24-200/250/300

5.12/6.4/7.68kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	200Ah/250Ah/300Ah
Nominal Voltage	24V(25.6V)
Input	
Full Charge Voltage	28.8V-30V
Maximum Charging Voltage	50V
Input Voltage Range	30V-50V
Continuously Use Input Current	100A
Output	
Continuously Use Output Current	100A
Discharge Cut-off Voltage	20V-24V
Instant Start Current	400A
Instant Start Current Time	10S
Battery	
Cell Type	LiFePO4 Battery/LFP
Depth of Discharge	>80%
C-rate Discharge	<0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Product Size	616(±2)×356(±2)×292(±2)mm
Package Size	680(±5)×430(±5)×372(±5)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO4 Battery Pack

BCT-V-48-200/250/300

10.24/12.8/15.36kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	200Ah/250Ah/300Ah
Nominal Voltage	48V(51.2V)
Input	
Full Charge Voltage	56V-60V
Maximum Charging Voltage	90V
Input Voltage Range	60V-100V
Continuously Use Input Current	100A
Output	
Continuously Use Output Current	100A
Discharge Cut-off Voltage	38V-48V
Instant Start Current	400A
Instant Start Current Time	10S
Battery	
Cell Type	LiFePO4 Battery/LFP
Depth of Discharge	>80%
C-rate Discharge	<0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Product Size	1188(±2)×507(±2)×212(±2)mm
Package Size	668(±5)×605(±5)×672(±5)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO₄ Battery Pack

BCT-V-24-200/250/300

5.12/6.4/7.68kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	200Ah/250Ah/300Ah
Nominal Voltage	24V(25.6V)
Input	
Full Charge Voltage	28.8V-30V
Maximum Charging Voltage	50V
Input Voltage Range	30V-50V
Continuously Use Input Current	100A
Output	
Continuously Use Output Current	100A
Discharge Cut-off Voltage	20V-24V
Instant Start Current	400A
Instant Start Current Time	10S
Battery	
Cell Type	LiFePO ₄ Battery/LFP
Depth of Discharge	>80%
C-rate Discharge	<0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Product Size	614(±2) × 507(±2) × 212(±2)mm
Package Size	668(±5) × 328(±5) × 706(±5)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO4 Battery Pack

BCT-V-48-100

5.12kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	100Ah
Nominal Voltage	48V(51.2V)
Input	
Full Charge Voltage	56V-60V
Maximum Charging Voltage	90V
Input Voltage Range	60V-100V
Continuously Use Input Current	100A
Output	
Continuously Use Output Current	100A
Discharge Cut-off Voltage	38V-48V
Instant Start Current	300A
Instant Start Current Time	10S
Battery	
Cell Type	LiFePO4 Battery/LFP
Depth of Discharge	>80%
C-rate Discharge	<0.8C
Cycle Life	> 6000 times (<0.5C)
Other	
Product Size	462(±2) × 250(±2) × 521(±2)mm
Package Size	550(±5) × 333(±5) × 601(±5)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO4 Battery Pack

BCT-V-24-100/120

2.56/3.072kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	100Ah/120Ah
Nominal Voltage	24V(25.6V)
Input	
Full Charge Voltage	28.8V-30V
Maximum Charging Voltage	50V
Input Voltage Range	30V-50V
Continuously Use Input Current	100A
Output	
Continuously Use Output Current	100A
Discharge Cut-off Voltage	20V-24V
Instant Start Current	400A
Instant Start Current Time	10S
Battery	
Cell Type	LiFePO4 Battery/LFP
Depth of Discharge	> 80%
C-rate Discharge	< 0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Product Size	462(±2)×250(±2)×318(±2)mm
Package Size	545(±5)×328(±5)×393(±5)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO₄ Battery Pack

BCT-UU 12-200/250/300

2.56/3.2/3.84kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	200Ah/250Ah/300Ah
Nominal Voltage	12V(12.8V)
Input	
Full Charge Voltage	14.4V-15V
Maximum Charging Voltage	25V
Input Voltage Range	15V-30V
Continuously Use Input Current	100A
Output	
Continuously Use Output Current	80A
Discharge Cut-off Voltage	10V-12V
Instant Start Current	400A
Instant Start Current Time	10S
Battery	
Cell Type	LiFePO ₄ Battery/LFP
Depth of Discharge	>80%
C-rate Discharge	<0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Product Size	831(±5)×540(±5)×90(±5)mm
Package Size	895(±2)×628(±2)×181(±2)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO4 Battery Pack

BCT-UU 12-100

1.28kWh

2.56kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	100Ah
Nominal Voltage	12V(12.8V)
Input	
Full Charge Voltage	28.8V-30V
Maximum Charging Voltage	50V
Input Voltage Range	30V-50V
Continuously Use Input Current	100A
Output	
Continuously Use Output Current	100A
Discharge Cut-off Voltage	20V-24V
Instant Start Current	400A
Instant Start Current Time	10S
Battery	
Cell Type	LiFePO4 Battery/LFP
Depth of Discharge	>80%
C-rate Discharge	<0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Product Size	540(±2)×536(±2)×98(±2)mm
Package Size	631(±5)×628(±5)×185(±5)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO₄ Battery Pack

SMART-BCT-V-48-200/250/300 (P)

10.24/12.8/15.36kWh

3 Years Warranty



Basic Specifications	
Nominal Capacity	200Ah/250Ah/300Ah
Nominal Voltage	48V(51.2V)
Rated Current	100A
Battery	
Communication Interface	RS485/CAN
Storage Temperature Range	-10° C-30° C
Operating Temperature Range	0° C-50° C
Relative Humidity	5-95%RH
Atmospheric Pressure	Below 5000
Self-Discharge(25°C)	<3%/month
Depth of Discharge	>80%
C-rate Discharge	0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Parallel	Up to 15 pcs
Product Size	507(±2)×212(±2)×1218(±2)mm
Package Size	668(±5)×605(±5)×731(±5)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





LiFePO4 Battery Pack

SMART-BCT-V-48-100 (P)

5.12kWh

3 Years Warranty

Basic Specifications	
Nominal Capacity	100Ah
Nominal Voltage	48V(51.2V)
Input	
Full Charge Voltage	56V-60V
Maximum Charging Voltage	90V
Input Voltage Range	60V-100V
Continuously Use Input Current	100A
Output	
Continuously Use Output Current	100A
Discharge Cut-off Voltage	38V-48V
Instant Start Current	300A
Instant Start Current Time	10S
Battery	
Communication Interface	RS485/CAN
Cell Type	LiFePO4 Battery/LFP
Depth of Discharge	> 80%
C-rate Discharge	< 0.8C
Cycle Life	> 6000 times (< 0.5C)
Other	
Product Size	461(±2)×521(±2)×250(±2)mm
Certification Standards	UN38.3/CE/MSDS/DGM

*Specifications are subject to change without notice at any time.





10/12/15kWh

3 Years Warranty

(Power Generation-Storage-Inverter BOX)

INVERTER BOX

BCT-B5.5-V48-200/250/300(LFP)

Solar Panel	
Power	550W
Open-Circuit Voltage (Voc) [V]	50.10V
Optimum Operating Voltage (Vmp) [V]	42.10V
Short-Circuit Current (Isc) [A]	13.95A
Optimum Operating Current (Imp) [A]	13.07A
Component Efficiency [%]	21.5%
LiFePO ₄ Battery	
Nominal Voltage	48V(51.2V)
Nominal Capacity	200Ah/250Ah/300Ah
Electricity (kWh)	10.24kWh/12.8kWh/15.36kWh
Inverter	
Rated Power	5.5kW
Max. Input Voltage	230Vac
Rated Frequency	50Hz / 60Hz (auto-sensing)
AC Voltage Regulation (Batt. Mode)	230Vac \pm 5%
Waveform	Pure Sine Wave
Battery Voltage	48Vdc

*Specifications are subject to change without notice at any time.





5/6/7.2kWh

3 Years Warranty

(Power Generation-Storage-Inverter BOX)

INVERTER BOX

BCT-B3.5-V24-200/250/300(LFP)

Solar Panel	
Power	300W
Open-Circuit Voltage (Voc) [V]	48.05V
Optimum Operating Voltage (Vmp) [V]	41.60V
Short-Circuit Current (Isc) [A]	7.91A
Optimum Operating Current (Imp) [A]	7.21A
Component Efficiency [%]	22.6%
LiFePO ₄ Battery	
Nominal Voltage	24V(25.6V)
Nominal Capacity	200Ah/250Ah/300Ah
Electricity (kWh)	5.12kWh/6.4kWh/7.68kWh
Inverter	
Rated Power	3.5kW
Max. input Voltage	230Vac
Rated Frequency	50Hz / 60Hz (auto-sensing)
AC Voltage Regulation (Batt. Mode)	230Vac \pm 5%
Waveform	Pure Sine Wave
Battery Voltage	24Vdc

*Specifications are subject to change without notice at any time.





Inverter

DT5.5KSG-INV48 DT5.5K-INV48P

Single Phase Off-Grid Solar Inverter

Rated Power	
5500VA/5500W	
Input	
Voltage	230Vac
Selectable Voltage Range	170Vac~280Vac(for personal computers); 90Vac~280Vac(for home appliances)
Frequency Range	50Hz/60Hz(auto sensing)
Output	
AC Voltage Regulation (Batt. Mode)	230Vac \pm 5%
Surge Power	11000VA
Overload Capability	5s@>150%load; 10s@110%~150%load
Efficiency (Peak)	94%
Battery	
Battery Nominal Voltage	48Vdc
Floating Charge Voltage	52Vdc
Overcharge Protection	62Vdc
Solar Charger & AC Charge	
Solar Charger Type	MPPT
Maximum PV Array Power	6000W
MPPT Range	120Vdc~450Vdc
Protection	
Protection	AC Short Circuit Protection, AC Over Current Protection, Over Temperature Protection, etc.
General Data	
Dimension (W x H x D)	472x297x133mm
Net Weight	10.5kg
Protect Degree	IP21
Operating Temperature	0°C~+55°C
Storage Temperature	-15°C~+60°C
Parallel	No/Up to 6 pcs

*Specifications are subject to change without notice at any time.





Inverter

DT3.5KSG-INV24

Single Phase Off-Grid Solar Inverter

Rated Power	
	3500VA/3500W
Input	
Voltage	230Vac
Selectable Voltage Range	170Vac~280Vac(for personal computers); 90Vac~280Vac(for home appliances)
Frequency Range	50Hz/60Hz(auto sensing)
Output	
AC Voltage Regulation (Batt. Mode)	230Vac \pm 5%
Surge Power	7000VA
Overload Capability	5s@>150%load; 10s@110%~150%load
Efficiency (Peak)	97%
Battery	
Battery Nominal Voltage	24Vdc
Floating Charge Voltage	27Vdc
Overcharge Protection	31Vdc
Solar Charger & AC Charge	
Solar Charger Type	MPPT
Maximum PV Array Power	5000W
MPPT Range	120Vdc~500Vdc
Protection	
Protection	AC Short Circuit Protection, AC Over Current Protection, Over Temperature Protection, etc.
General Data	
Dimension (W x H x D)	472x298x129mm
Net Weight	9.5kg
Protect Degree	IP21
Operating Temperature	0°C~+55°C
Storage Temperature	-15°C~+60°C
Parallel	No

*Specifications are subject to change without notice at any time.



Solar Home System

Carbon BOX

1.5kWh

BCT-CB1.0



Carbon BOX - Product Configuration

PV Input:	42-48V
Solar Panel:	550W
<hr/>	
AC output/load:	110V/220V
Product output power:	500W
Peak power of connected solar panels:	750W/1kW

*Specifications are subject to change without notice at any time.



Product advantages

Integrated home power supply solution system

It is mainly composed of solar panels, lithium iron phosphate batteries and built-in inverters. It is an system which can be independently operated power generation, energy storage and convert.



- Solar energy is converted into direct current through solar panels, stored in lithium iron phosphate batteries, and then converted into alternating current through inverters for direct use in household electricity.
- After connecting to the solar panel during the daytime, the total output power is 1kW (maximum output power of 110V is 750W) based on the product's own power plus the actual installed panel power.
- In the absence of solar panels, no or weak light conditions, the maximum output power of the product is 500W
- The solar panel is 42V panel, the maximum open circuit voltage is 48V, and the power should not exceed 550W
- Carbon BOX solves the electricity problem in areas without electricity or areas with insufficient electricity. It has a wide range of applications, high safety, energy saving and environmental protection, and no electricity bills.

Product Display

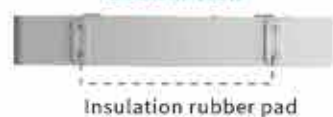
Front and back view



top view



Bottom View



Solar Home System

Sun-power

500Wh

BCT-SHS1.0

SUN-POWER, POWER YOUR LIFE.



Backup power



Camping



Travel



Product Name		Sun-Power 1.0
Solar Panel		12V40W
Open-Circuit Voltage (Voc)		24.52V
Optimum Operations Voltage (Vmp)		21.71V
Short-Circuit Current (Isc)		1.84A
Optimum Operations Current (Imp)		1.66A
Working Efficiency (%)		21.8%
Solar Panel Size		430×590×30mm
LiFePO ₄ Battery		
Nominal Voltage		3.2V
Electricity (kwh)		500Wh
DOD		80%
Cycle		>6000 cycles, <0.5C
Output		
Car Charger Output		12V20A
USB Output		5V2A
Type-C Output		5V2A
DC Bulb Output		12V2A
DC Home Appliance Output		12V10A
Input		
PV Input		5-12V
Type-C Input		5-12V 5A
LED Bulb		10W×3Pcs
Built-in LED		15W
Product Size		236mm×82mm×276mm

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🌐 Website : www.tandocorporation.com



Solar Home System

Sun-power

1kWh

BCT-SHS2.0

SUN-POWER, POWER YOUR LIFE.



Backup power



Camping



Travel



Product Name	Sun-Power 2.0
Solar Panel	12V80W
Open-Circuit Voltage (Voc)	13.9V
Optimum Operating Voltage (Vmp)	11.92V
Short-Circuit Current (Isc)	2.59A
Optimum Operating Current (Imp)	2.38A
Working Efficiency (%)	22
Solar Panel Size	620 × 780 × 30mm
LiFePO ₄ Battery	
Nominal Voltage	3.2V
Electricity (kwh)	1kWh
DOD	80%
Cycle	>6000 cycles, <0.5C
Output	
Car Charger Output	12V20A
USB Output	5V2A
Type-C Output	5V2A
DC Bulb Output	12V2A
DC Home Appliance Output	12V10A
Input	
PV Input	5-12V
Type-C Input	5-12V 5A
LED Bulb	10W × 3Pcs
Built-in LED	15W
Product Size	236mm × 137mm × 276mm

*Specifications are subject to change without notice at any time.

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🌐 Website : www.tandocorporation.com



T&O CORPORATION CO., LTD.

Solar Home System

Solar BOX

110V/220V

connection in parallel without limitations,
micro power station



Installation over the roof



Installation on the balcony



Installation on the ground (vertical)



Unlimited Parallel Connection

The whole solar system will not be affected by individual module connections.



High efficiency in power generation
Higher power, higher efficiency



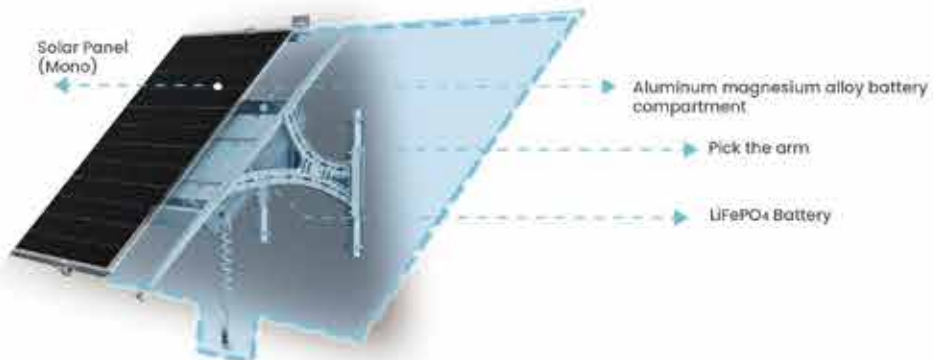
Microgrid independent power station
Meeting household power supply needs



Integrated design
With lithium batteries and inverter built-in



Low temperature resistance
Higher load capacity at ultra-low temperatures below minus 40°C



220V

Product Name	1kW Solar Box	5kW Solar Box	10kW Solar Box
Solar Panel Peak Power	550W	2200W	4400W
Battery Capacity	1kWh	5kWh	10kWh
Maximum continuous output power (with sufficient sunlight)	1kW	5kW	10kW
Maximum continuous output power (with insufficient sunlight)	0.5kW	3kW	5kW
Nominal Output Voltage	220V	220V	220V
Nominal Output Frequency	50Hz	50Hz	50Hz
Maximum Continuous Output Current	4.5A	18A	36A
Waterproof level		IP65	
Working temperature range		-40°C to +65°C	
Cell Type	LiFePO ₄ Battery/LFP		
Storage Temperature Range	Short-Term -20°C-40°C (Within 1 Month) Long-Term 10°C-35°C (Within 1 Year)		
Storage Humidity	≤ 75% RH		
Atmospheric Pressure	Below 5000 Above Sea Level		
Self-Discharge (25°C)	<3%/Month		
Depth Of Discharge	>80%		
C-Rate Discharge	<0.8C		
Cycle Life	> 6000 Times (< 0.5C)		



110V

Product Name	1kW Solar Box	5kW Solar Box	10kW Solar Box
Solar Panel Peak Power	550W	2200W	4400W
Battery Capacity	1kWh	5kWh	10kWh
Maximum continuous output power (with sufficient sunlight)	1kW	5kW	10kW
Maximum continuous output power (with insufficient sunlight)	0.5kW	3kW	5kW
Nominal Output Voltage	110V	110V	110V
Nominal Output Frequency	50Hz	50Hz	50Hz
Maximum Continuous Output Current	9A	36A	72A
Waterproof level	IP65		
Working temperature range	-40°C to +65°C		
Cell Type	LiFePO ₄ Battery/LFP		
Storage Temperature Range	Short-Term -20°C-40°C (Within 1 Month) Long-Term 10°C-35°C (Within 1 Year)		
Storage Humidity	≤ 75% RH		
Atmospheric Pressure	Below 5000 Above Sea Level		
Self-Discharge (25°C)	< 3%/Month		
Depth Of Discharge	> 80%		
C-Rate Discharge	< 0.8C		
Cycle Life	> 6000 Times (< 0.5C)		

*Specifications are subject to change without notice at any time.





PV Energy Storage System

Carbon Free

BCT-CF1.0

Powered by Cree LED™ Products

Small size, convenient to carry

Built-in led and outer led all can meet



- 1 High Beam
- 2 Power Indicator
- 3 Flood Light
- 4 SOS Light
- 5 Switch
- 6 DC Output
- 7 USB Type-C Output
- 8 USB Output
- 9 DC Input

Technical Parameters	
Battery Electric	LiFePO4 battery 80W·h
Solar Panel	5V/15W
Lighting Time	One external lamp works 13 hrs; Two external lamps work 6 hrs; For the built-in lamp, high beam works 8 hrs, flood light works 8 hrs and SOS light works 26 hrs.
External Lamp	Common 6W LED×2pcs; line length 3m
Built-in lamp	High Beam (Common 9W LED), Flood Light (Common 9W LED), SOS Light (Common 3W LED)
USB Output	One circuit output 5V/2A
Type-C Output	One circuit output 5V/2A
DC Output	Two circuits DC output 3.2V
Warranty	Battery warranty 5 years

*Specifications are subject to change without notice at any time.





- 1 Handle
- 2 Master Switch
- 3 Display
- 4 Type-C Output
- 5 USB Output
- 6 DC Output
- 7 Car Charger Output
- 8 AC Output
- 9 DC Input

SOLAR-STORAGE-APPLICATION INTEGRATED SYSTEM

1kWh (Solar Power System)

BCT-SPS 12-80



With generation, storage and usage integrated

With its own inverter design

With folding handle, portable



1024Wh
Large Capacity



Type-C Output



USB Output



220V AC Output



Car Charger Output



DC Output

Technical Parameters

Electricity (kWh)	1024Wh
USB Output	Two output 5V/2A, 9V/2A
DC Output	Three output 12V/2A
Car Charger Output	12V/10A
Type-C Output	5V/2A, 9V/2A, 12V/2A
AC Output Power	220V/1.1KW
AC Output Frequency	50Hz; Pure sine wave
Depth of Discharge	>80%
Warranty	Battery warranty 5 years

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Direct Current Apparatus.

DC Air Conditioner

DC-SAC-9000/24



Technical Parameters

Name	DC Air Conditioner
Nominal Voltage	20V-30V
Refrigerating Capacity	2500W
Electric Power	700W
Refrigerating Fluid	R134a
BTU	9000
Applicable Area	20-40㎡
Installation	Hang a Wall



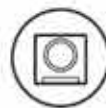
DC Power Supply



Independent Refreshing
and Dehumidifying



Temperature Query




Beautiful Light



Strong Run



Bass Run

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60L DC Freezer

DC-SAF-60



Technical Parameters

Name	DC Freezer
Power	86W; 293Btu/h
Available Capacity	60L
Volume of Freezer	60L
Freezing Temperature	$\leq -18^{\circ}\text{C}$
Input Voltage	DC12V



Lock Fresh And Keep Cold



Silent Operation



Efficient Refrigeration



Low Frost Storage



Green Environmental
Protection



Small Size Without
Land Occupation

*Specifications are subject to change without notice at any time.





STORAGE ENERGY

With solar energy to achieve clean energy charging.



SUPPLY POWER FOR HOME

No or power unstable, can power for the home with the storage energy.



DC APPARATUS

Whole package, DC appliances are complete.



Solar Panel

LiFePO4 Battery

DC Air Conditioner >



DC Rice Cooker >



DC Juicer>



DC TV>



DC Light>



DC Fan>



DC Freezer>



DC Kettle>



DC TIMES

It is a home-based power supply solution system.

Solar Package is mainly composed of photovoltaic, energy storage and loads. As an independent off-grid system, generation and storage integrated, it can be charged by solar energy, then provide electricity to the loads, which can solve the problem of electricity consumption in the area without electricity. The application is wide and is not affected by the State Grid.

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T&O CORPORATION, LIGHTING UP THE WAY HOME.



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