



Portable Power Solar Controller, Inverter & Transfer Box

New Energy Changes Our Life

www.provistahk.com



ProVista Technology International Ltd.

www.provistahk.com www.ecoboxx.net

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QC 080000 HSPM
Reg. No. IECQ-H SGS CN 12.0043



ISO 9001
Cert. No.: CN1220956



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About Us

ProVista Group is a Hong Kong based electronic company with strong R&D, Engineering and Manufacturing capacity in electronic products including power and energy products, automotive electronics and security products since 1995.



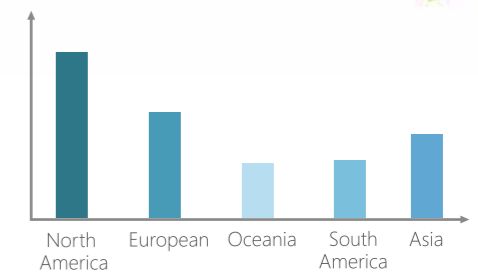
ProVista Inno Park will become the first international innovation technology & creative industry park in Dongguan Songshan Lake

Over the years, ProVista has rolled out hundreds of different products and models, and some of these products have won prizes in different competitions. We pride ourselves on the achievements of our R&D Department on products development, the efforts of our Marketing colleagues in exploring new opportunities, the dedications of our production team to quality and services, as well as the Group's commitment to customers and suppliers. We believe as ever that these are the key elements to the strong growth and remarkable performance of ProVista Group.

Milestone



Global Presence



Solar Power Generation System

Our team has over eight years of solar system engineering experience and the cooperative partnership with leading foreign core technical centres. Our experienced professionals with practical experience in rooftop and network photovoltaic power station promises to provide the best quality throughout the project.



<https://www.provistasolar.com/>

Case Study



Evershine Steel Casting Co.,Ltd. - Shenzhen, China
Capacity : 115 kW
Annual output : 138,000 kW/h
Annual income : RMB 179,400



G.E.W Electric Ltd. - Dongguan, China
Capacity : 200 kW
Annual output : 20,000 kW/h
Annual income : RMB 326,600



ProVista Group - Dongguan, China
Capacity : 350 kW
Annual output : 392,000 kW/h
Annual income : RMB 509,600



Changan Diamond Villa - Dongguan, China
Capacity : 12 kW
Annual output : 13,440 kW/h
Annual income : RMB 18,412



Metal Furniture Manufacturing Co.,Ltd. - Dongguan, China
Capacity : 260 kW
Annual output : 299,000 kW/h
Annual income : RMB 424,580



Sinomax Furniture Ltd. - Dongguan, China
Capacity : 1,157 kW
Annual output : 1,272,000 kW/h
Annual income : RMB 2,587,200



Li Hua Ltd. - Dongguan, China
Capacity : 34 kW
Annual output : 37,400 kW/h
Annual income : RMB 526,360

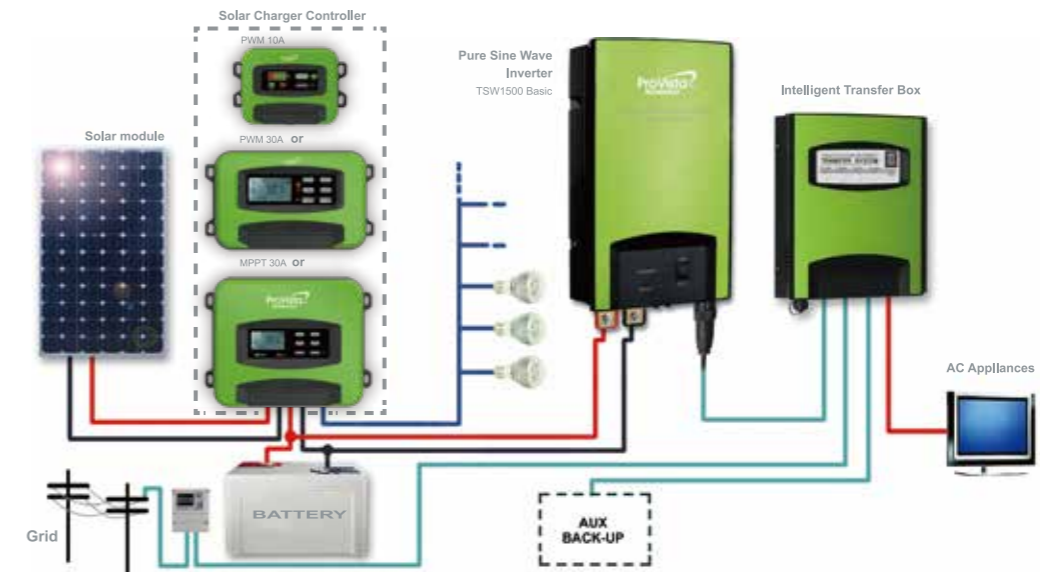


Pan Chung - Taipo, Hong Kong
Installed Capacity : 3.6 kW/6.3 kW
Annual output : 16,560 kW/h
Annual income : RMB 59,400

Independent Electricity System with True Sine Wave Inverter



Independent Electricity System with True Sine Wave Inverter

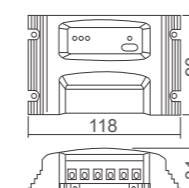


- Independent System Off-grid could be set up with our ProVista Solar Controller, True Sine Wave Inverter and Transfer Box
- Convert variable DC output of the PV cells into a clean sinusoidal 50-Hz or 60-Hz and 12 / 24 Vdc voltage source

Solar Controller

ISC PWM Series

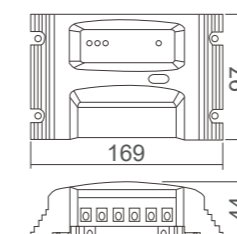
The simplicity and high performance of the Provista ISC series solar controller make it become one of the most popular product line. It offers a nice industrial design, good performance and high quality level, with an attractive price.



ISC 1000

Mini ISC 10

- Module current : 10A
- Max.input power : 150Wp
- System voltage : 12V
- Display : 3 LED for showing operation, SOC, fault
- Dimension : 118 X 90 X 31 mm
- Weight : 160g

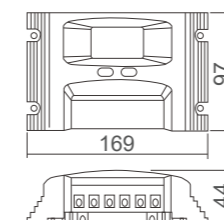


ISC 1510

Maxi ISC 15

- Module current : 15A
- Max.input power : 225Wp
- System voltage : 12V
- Display : 3 LED for showing operation, SOC, fault
- Dimension : 169 X 97 X 44 mm
- Weight : 180g

Solar Controller LCD display

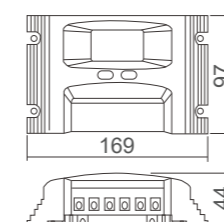


ISC 1520

Maxi ISC 15 Plus



- Module current : 15A
- Max.input power : 225Wp
- System voltage : 12V
- Display : LCD display for operation states, SOC, fault
- Dimension : 169 X 97 X 44 mm
- Weight : 350g

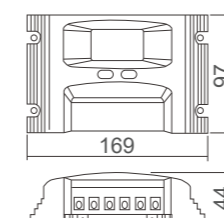


ISC 3010

Maxi ISC 30 Plus



- Module current : 30A
- Max.input power : 450Wp
- System voltage : 12V
- Display : LCD display for operation states, SOC, fault
- Dimension : 169 X 97 X 44 mm
- Weight : 350g



ISC 3020

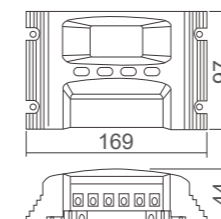
Maxi ISC 30 StarPlus



- Module current : 30A
- Max.input power : 450Wp/900Wp
- System voltage : 12V/24V auto detection
- Display : LCD display for operation states, SOC, fault
- Dimension : 169 X 97 X 44 mm
- Weight : 350g

Solar Controller

Timer Street light application

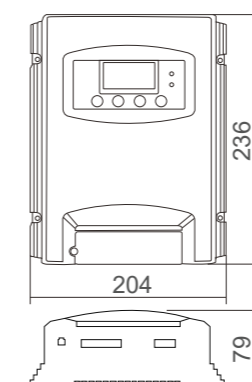


ISC 3030



Maxi ISC 30 Deluxe

- Module current : 30A
- Max. input power : 450Wp / 900Wp
- Ststem voltage : 12V/24V auto detection
- Display : LCD display for Operation states, SOC, fault
- Extra Application: Street Light, Bus stops, advertisements at night time with special controller
- Dimension : 169 X 97 X 44 mm
- Weight : 350g



ISC 5030

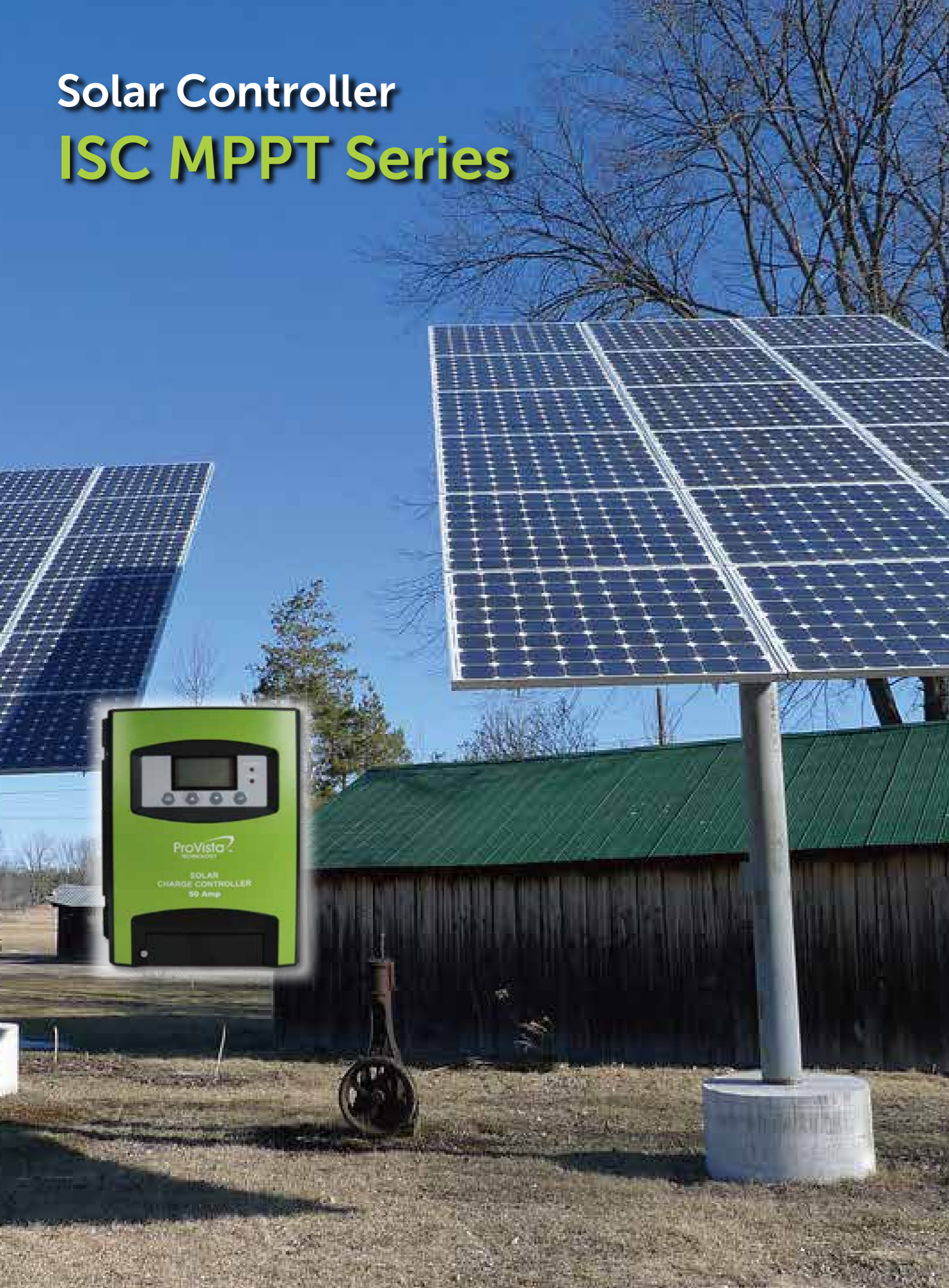


Maxi ISC 50 Deluxe

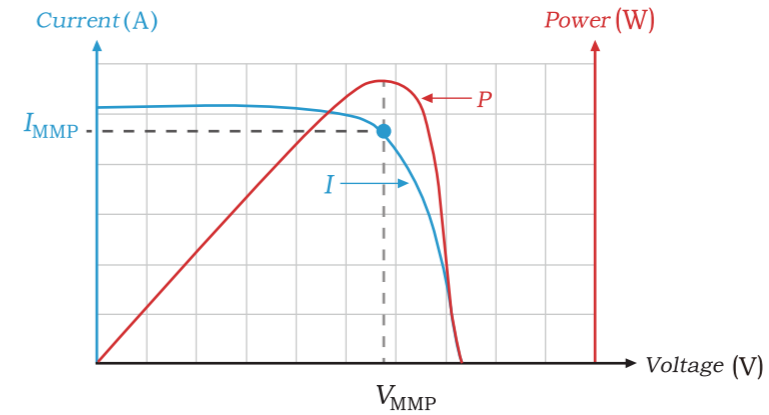
- Module current : 50A
- Max. input power : 800Wp/1600Wp
- Ststem voltage : 12V/24V auto detection
- Display : LCD display for Operation states, SOC, fault
- Extra Application : Street Light, Telecommunications, High Power Rural Electrification projects
- Dimension : 236 X 204 X 79 mm
- Weight : 1520g

Solar Controller

ISC MPPT Series

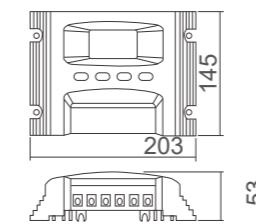


What is MPPT?



Maximum Power Point Tracking is electronic tracking. The charge controller looks at the output of the panels and compares it to the battery voltage. It then figures out what is the best power that the panel can put out to charge the battery. It takes this and converts it to best voltage to get maximum AMPS into the battery.

ISC 3042

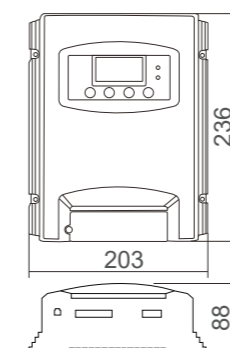


Maxi ISC 30 Vintage RV

- Module current : 30A
- Max. input power : 360Wp/720Wp
- System voltage : 12V/24V auto detection
- Display : LCD display for Operation states, SOC, fault
- Special feature over ISC 30 series : MPPT
- Extra Application : Street Light, Telecommunications, High Power Rural Electrification projects
- Dimension : 203 X 145 X 53 mm
- Weight : 980g



ISC 5040



50A MPPT Solar Charger

- Module current : 12V 50A, 24V 50A, 36V 35A, 48V 25A charging current
- Max. input power : 12V : 650W, 24/36/48V : 1300W
- System voltage : 12 / 24 / 36 / 48V (via auto-detection of voltage)
- Display : LCD display for Operation states, SOC, fault
- Special feature over ISC50 series : MPPT
- Dimension : 236 X 203 X 88 mm
- Weight : 1.96kg



Intelligent Solar Controller

SCE series



With the successful of the ISC series, the newly developed SCE series are now available for advanced customer. The wider input voltage range, fan-less industrial design and wifi module with cloud server are the main advantage of this new product line.



WiFi / Bluetooth / Cloud (Optional version)

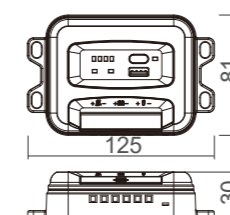
- Battery, charging and load level status real time monitoring
- Memory history mode display
- Android / IOS operation system



- Connect the controller with the smart device
- Support both Android / IOS
- Real time monitoring the input / output level and the performance of the solar controller
- Historical data storage in Cloud server
- Remote control the output load on / off via the mobile APP
- Fan-less Design
- USB output port

Intelligent Solar Controller

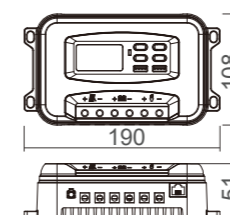
SCE PWM series



SCE 010

10A Solar Charger

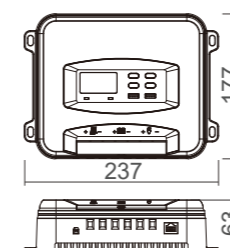
- Module Current : 10A PWM
- Max PV input Voltage : 50V
- Max PV input power :
12V : 150W
24V : 300W
- System voltage: 12V / 24V
- USB output : 5V 2.4A
- Battery mode : SLA / AGM / LiFePO4 (12V only)
- Dimension : 125 X 81 X 30 mm
- Weight : 130g



SCE 030

30A Solar Charger

- Module Current : 30A PWM
- Max PV input Voltage : 50V
- Max PV input power :
12V : 450W
24V : 900W
- System voltage : 12V / 24V
- USB output : 5V 2.4A
- Battery mode : SLA / AGM / LiFePO4 (12V only)
- Wifi module : Optional
- LCD display
- Dimension : 190 X 108 X 51 mm
- Weight : 560g



SCE 050

50A Solar Charger

- Module Current : 50A PWM
- Max PV input Voltage : 100V
- Max PV input power :
12V : 750W
24V : 1500W
36V : 2250W
48V : 3000W
- System voltage : 12V / 24V / 36V / 48V
- USB output : 5V 2.4A
- Battery mode : SLA / AGM / LiFePO4 (12V only)
- Wifi module : Optional
- LCD display
- Dimension : 237 X 177 X 63 mm
- Weight : 1120g



Intelligent Solar Controller

MPPT series



Operation status LCD indication



PV charging



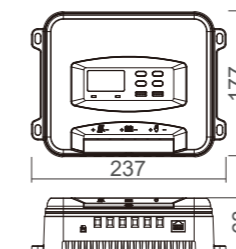
Battery level



Loading



Wi-fi cloud connection

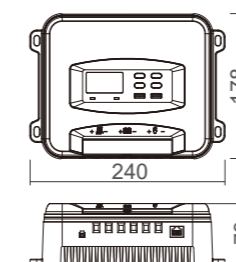


SCP 030

30A MPPT Solar Charger



- Module Current : 30A MPPT
- MPPT tracking efficiency : 99%
- Max PV input Voltage : 100V
- Max PV input power :
12V : 450W
24V : 900W
- System voltage : 12V / 24V
- USB output : 5V 2.4A
- Battery mode : SLA / AGM / LiFePO4 (12V only)
- Wifi module : Optional
- LCD display
- Dimension : 237 X 177 X 63 mm
- Weight : 1450g



SCP 050

50A MPPT Solar Charger



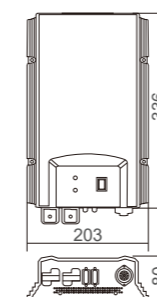
- Module Current : 50A MPPT
- MPPT tracking efficiency : 99%
- Max PV input Voltage : 135V
- Max PV input power :
12V : 700W
24V / 36V / 48V : 1400W
- System voltage : 12V / 24V / 36V / 48V
- USB output : 5V 2.4A
- Battery mode : SLA / AGM / LiFePO4 (12V only)
- Wifi module : Optional
- LCD display
- Dimension : 240 X 178 X 73 mm
- Weight : 2300g



Model	ISC1000	ISC1510	ISC1520	ISC3010	ISC3020	ISC3030	ISC5030	ISC3042	ISC5040
Product photo									
Type	PWM	PWM	PWM	PWM	PWM	PWM	PWM	MPPT	MPPT
System current	10A	15A	15A	30A	30A	30A	50A	30A	50A
PV input voltage	29V	29V	29V	29V	45V	45V	50V	60V	95V
PV input power	150W	225W	225W	450W	450W/900W	450W/900W	800W/1600W	380W/720W	12V:650W 24/36/48V:1300W
Battery voltage	12V	12V	12V	12V	12V/24V	12V/24V	12V/24V	12V/24V	12/24/ 36/48V
USB output	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Battery	SLA	SLA	SLA	SLA	SLA	SLA	SLA	SLA	SLA
display	LED	LED	LCD	LCD	LCD	LCD	LCD	LCD	LCD
Wifi module	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Model	SCE10	SCE30	SCE50	SCP30	SCP50				
Product photo									
Type	PWM	PWM	PWM	MPPT	MPPT				
System current	10A	30A	50A	30A	50A				
PV input voltage	50V	100V	100V	100V	135V				
PV input power	12V : 150W 24V : 300W	12V : 450W 24V : 900W	12V : 750W 24V : 1500W 36V : 2250W 48V : 3000W	12V : 450W 24V : 900W	12V : 700W 24/36/48V : 1400W				
Battery voltage	12V/24V	12V/24V	12V/24/ 36/48V	12V/24V	12V/24V/ 36V/48V				
USB output	1	2	2	2	2				
Battery	SLA/LiFeP04	SLA/LiFeP04	SLA/LiFeP04	SLA/LiFeP04	SLA/LiFeP04				
display	LED	LCD	LCD	LCD	LCD				
Wifi module	Nil	Optional	Optional	Optional	Optional				

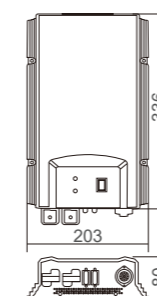
High Technology True Sine Wave Inverter and Intelligent Transfer Box



TSW 700

TSW 700 Basic

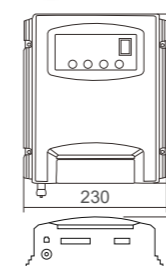
- System voltage : 12V
- Continuous power : 600W / 700W 30'
- AC output voltage : 230Vac
- Output frequency : 50Hz
- Maximum Efficiency : 92%
- Display : 2 coloured LED for showing operation and fault messages
- Application : Solar home system, Telecommunications, Recreational Vehicles, High Power Rural Electrification projects
- Dimension : 203 X 336 X 80 mm
- Weight : 2.4kg



TSW 1500

TSW 1500 Basic

- System voltage : 24V
- Continuous power : 1200W/1500W 30'
- AC output voltage : 230Vac
- Output frequency : 50Hz
- Maximum Efficiency : 94%
- Display : 2 coloured LED for showing operation and fault messages
- Application : Solar home system, Telecommunications, Recreational Vehicles, High Power Rural Electrification projects
- Dimension : 203 X 336 X 80 mm
- Weight : 3.2kg

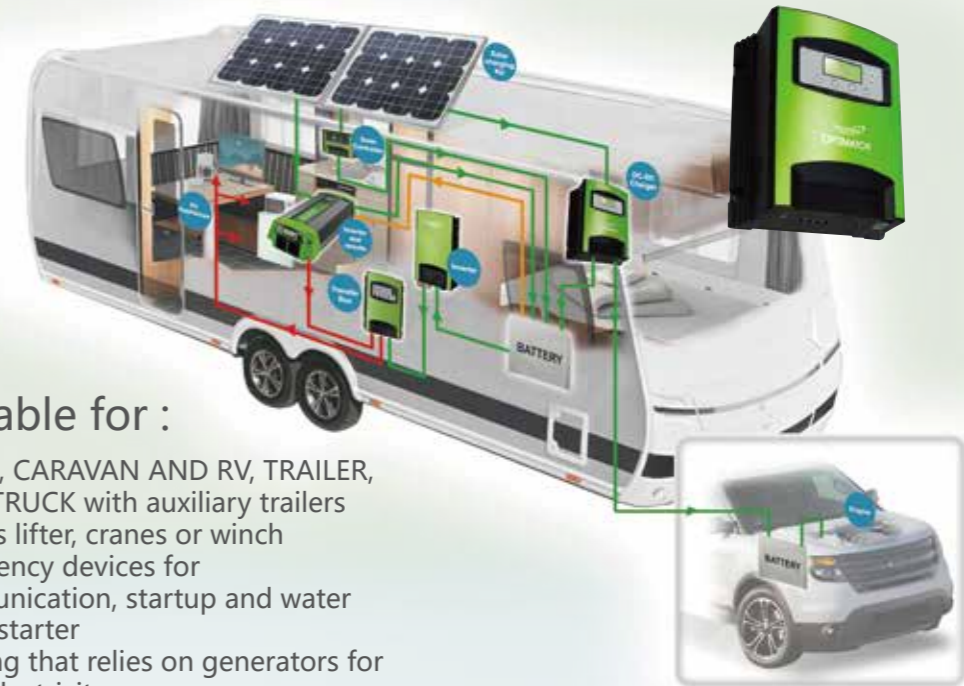


STA 030

Intelligent Transfer Box

- Three AC input / output with intelligent control
- Wide AC input range voltage : 90 to 250 Vac, 50 / 60Hz
- 30 Amp output breaker
- Maximum Current : 30 Amps each switch
- 3 Input / Output automatically driven by Microprocessor
- Suitable to deliver the solar energy to your house to offset your electricity bill
- Suitable as emergency during outage of electricity to have your home and office safely energized

DC-DC Charger



Suitable for :

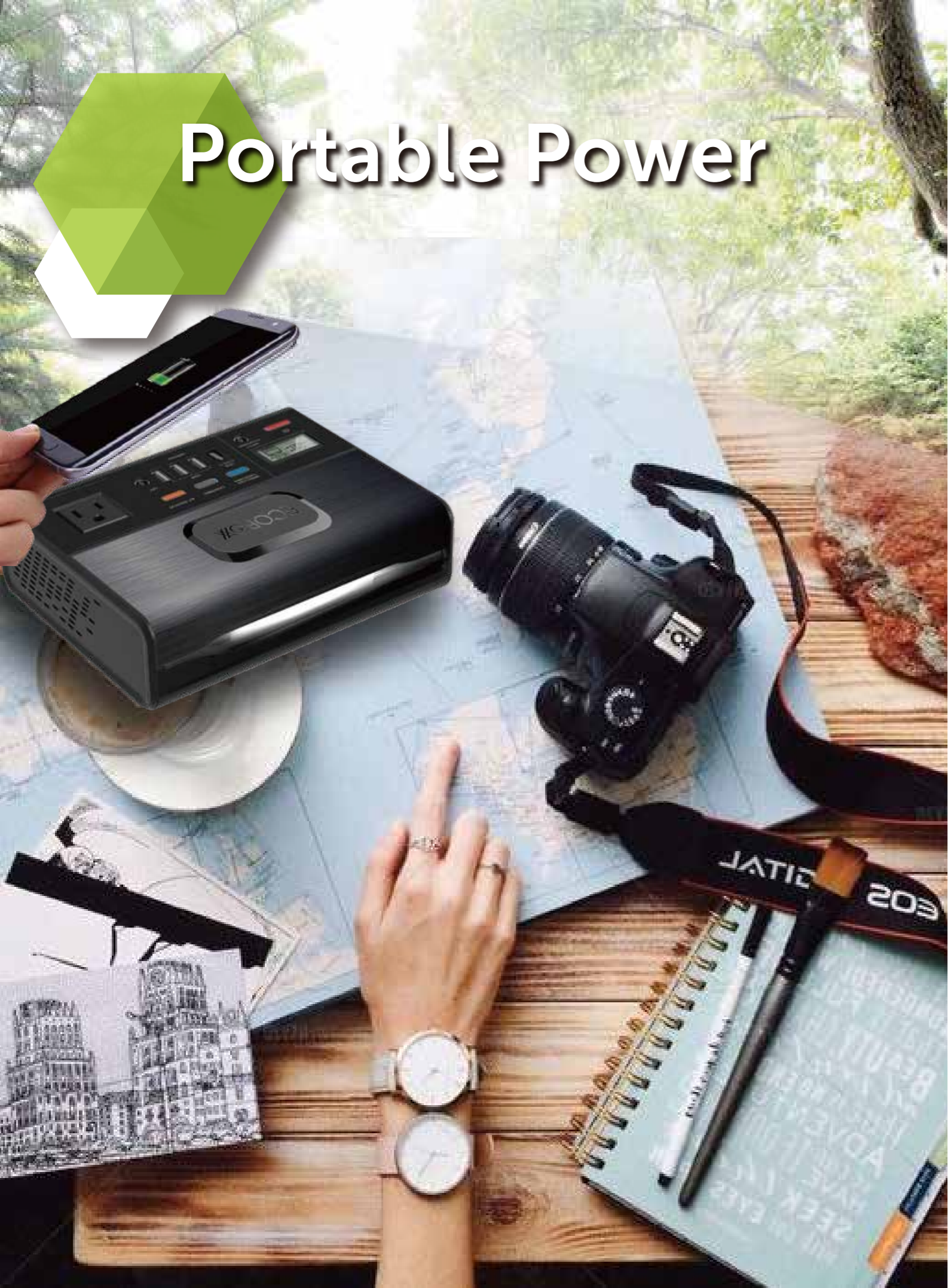
BOATS, CARAVAN AND RV, TRAILER,
4WD, TRUCK with auxiliary trailers
such as lifter, cranes or winch
emergency devices for
communication, startup and water
pump starter
Housing that relies on generators for
extra electricity

DC300

Benefits and Description

- Take care to your auxiliary battery; most vehicle alternators are not designed to fully charge your auxiliary battery in the caravan / trailer
- Compensate the voltage drop when your auxiliary battery is significantly distanced from your start battery; you can forget the voltage drop along your wiring
- Build in 30A MPPT solar controller
- 4 stages charging pattern optimizes the full charge to your battery and maximize the battery life
- RJ45 data port to monitor your system (optional)
- Maintenance charge of start battery
- Easy to install and flexible connection in 12 or 24 volt vehicles
- DC Output 12V 30A
- DC input voltage range : 9V - 50V
- Recommended battery type : Gel / AGM and standard lead acid
- Float voltage : 13.5 compensated with the external temperature sensor
- Output power : 360W(it depends on the installation)
- Ambient Temperature : 45°C
- Standards : CE

Portable Power



Ecoboxx 150S



Ecoboxx 150P



Ecoboxx 310



Portable Power Lithium Battery Series

Ecoboxx 150P Premium version

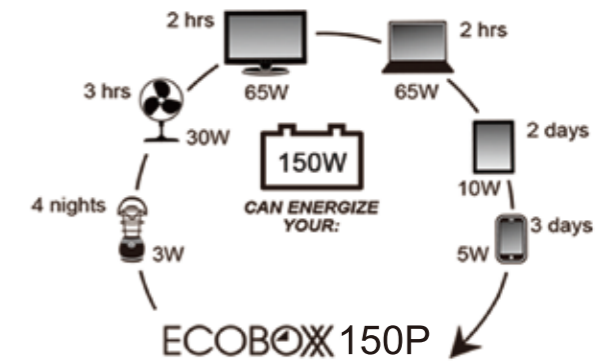
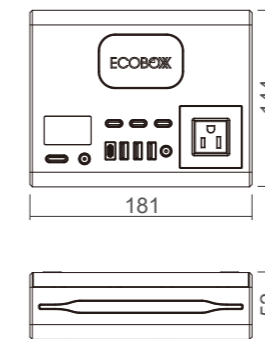
EB150P

ECOBOXX 150P

- 120W MSW inverter
- 146Wh Lithium battery pack
- 2 * USB output port with 5V 2.1A
- 1 x USB QC 3.0 quick charge
- 1 x type C PD 60W max bi-directional
- 10W Qi Wireless charging
- COB light Bar
- Build in MPPT solar controller 3A
- Build in Buck boost charging circuitry and support 12V input from Car cig output socket.
- LCD display
- Product Dimension : 181 X 144 X 52 mm
- Weight : 1.4kg



Area COB Lighting Bar



Portable Power Lithium Battery Series

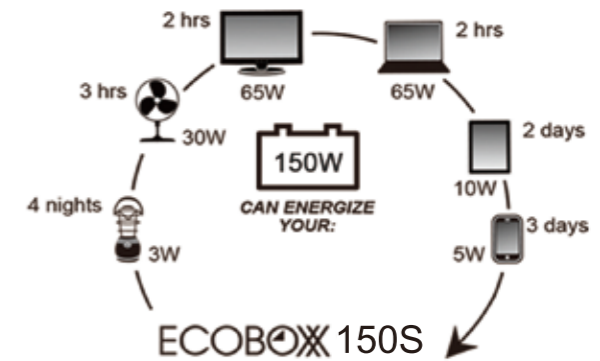
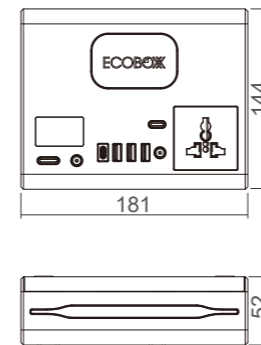


Ecoboxx 150S Standard version

EB150S

ECOBOXX 150S

- 120W MSW inverter
- 146Wh Lithium battery pack
- 2 * USB output port with 5V 2.1A
- 1 x USB QC 3.0 quick charge
- 1 x type C PD output port support 5V / 9V with 18W max
- Build in MPPT solar controller 3A
- Build in Buck boost charging circuitry and support 12V input from Car cig output socket.
- LCD display
- Product Dimension : 181 X 144 X 52 mm
- Weight : 1.7kg



Accessories



Portable Power Lithium Battery Series



EB310

ECOBOXX 310

- True Sine Wave 200W
- AC outlet x 2
- 5VDC USB port x 4
- 12VDC 5.5mm DC jack Output x 2
- 12VDC Cigarette socket Output x 1
- Charging port Input x 2
- LCD Display
- Battery capacity : 288Wh / 26Ah Lithium Battery
- Optional Solar Panel of 20Wp or 30 Wp
- Dimensions : 221 X 150 X 359 mm
- Weight : 4.7kg

