



## Solar Charge Controller Directory

Welcome to the world's most advanced solar charge controller product directory. Solar installers, system integrators and sellers can use our advanced technical filters to find the exact PV charge controllers that match their needs. We have collated charge controller data from manufacturers from all

around the world into a common template, allowing you to compare and review charge controllers easily. Finally, please also note that at the top of the page you can switch between browsing whole series of charge controllers or individual charge controller models.



### Browse by

- Continent**
  - Europe (272)
  - Asia (2,519)
  - North America (176)
  - South America (28)
  - Africa (13)
  - Oceania (54)
- Product Warranty**
  - At least 2 years (329)
  - At least 5 years (124)
  - At least 10 years (7)
- Battery Voltage Operating Range**

to  V
- Terminals (Wire Size)**

to  mm<sup>2</sup>
- Battery Type**
  - GEL (563)
  - AGM (391)
  - VLA (326)
  - Ni-Cd (86)
  - Li-poly (56)
  - Li-ion (284)
  - NiMH (32)
  - SLA (125)
  - LFP (120)
  - Flow (16)
  - NaS (9)
  - Hybrid (18)
  - Ni-Fe (26)
- Charging Algorithm**
  - 2 (60)
  - 3 (322)
  - 4 (119)
  - 5 (16)
- Protection Class**
  - IP 20 (177)

## Charge Controller Directory

(1,202 Charge Controller Series / 3,192 Individual Charge Controllers)

### Charge Controller Filters

Technology:  MPPT  PWM  Other

Max. Solar Input Power:  W to  W

Self-Consumption ≤:  mA

Peak Conversion Efficiency:  % to  %

View:



### Series: MPPT Solar Controller

Daxioworld

MSRP from **₩71,700 / Unit**

Technology:	MPPT	Product Warranty:	2 Years
Max. Solar Input Power:	60 - 2880 W	Nominal System (Battery) Voltage:	3.2 - 48 V
Region:	China	Peak Conversion Efficiency:	99.00 - 99.90 %

**☰** OEM and ODM Solar PV /Solar Panel / Solar mono and poly  
 We own 300MW capacity of production line, fast delivery time and best service  
 15 Years warranty of all the power watt the solar panels  
 OEM Lithium battery module , Rack Battery Lifepo4 battery pack 48V 51.2V 96V  
 GEL AGM battery Full set solar system with battery storage OEM



### Series: Rosefinch L

Garnde Solar Energy

MSRP from **₩596,000 / Unit**

Technology:	MPPT	Product Warranty:	2 Years
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- IP 22 (90)
- IP 30 (98)
- IP 31 (19)
- IP 32 (143)
- IP 43 (54)
- IP 52 (8)
- IP 54 (19)
- IP 55 (11)
- IP 65 (77)

**Operating Temperature Range**

-  to +  °C

**Temperature Sensor**

- Yes (253)

**Protection Features**

- Short Circuit Protection (654)
- PV Reverse Polarity Protection (476)
- PV Overvoltage Protection (453)
- PV Reverse Current Protection at Night (325)
- Battery Reverse Polarity Protection (497)
- Overload Protection (537)
- Over Charging Protection (511)
- Over Discharging Protection (419)
- Over Temperature Protection (487)

Max. Solar Input Power:	5600 - 11200 W	Nominal System (Battery) Voltage:	96 V
Region:	China	Peak Conversion Efficiency:	99.00 %

- ☰ Auto identification and selection of system voltage
- ☰ High performance 32 bits CPU
- ☰ Wide PV input voltage range, convenient for system configuration
- ☰ MPPT charge mode, increase the power usage efficiency of solar panels
- ☰ Running status display of solar panels, batteries and loads

**Series: Rosefinch XXL**

Garnde Solar Energy

MSRP from **¥1,730,000 / Unit**



Technology:	MPPT	Product Warranty:	2 Years
Max. Solar Input Power:	22400 - 44800 W	Nominal System (Battery) Voltage:	192 - 384 V
Region:	China	Peak Conversion Efficiency:	99.00 %

- ☰ Jingwei system combines an inverter, MPPT solar charge controller and lead acid battery into one body
- ☰ It enables a significant reduction in system space and installation costs
- ☰ It is an advanced tool for electricity power supply, no matter how the energy is produced - PV, grid power or diesel



**Series: MPPT-MS**

HeliosNE



Technology:	MPPT	Product Warranty:	3 Years
Max. Solar Input Power:	300 - 2400 W	Nominal System (Battery) Voltage:	12 - 48 V
Region:	China	Peak Conversion Efficiency:	98.00 %

- ☰ \* Advanced MPPT scanning technology & effective temperature management, ensuring efficient, reliable and lasting solar DC charge.
- ☰ \* Solid and attractive, featured with die-casting aluminum casing, tempered glass front and magnetic cover.
- ☰ \* In-built Bluetooth communication module, for APP monitoring and operation in mobile

**Series: MPPT**

HeliosNE



Technology:	MPPT	Product Warranty:	3 Years
Max. Solar Input Power:	300 - 3200 W	Nominal System (Battery) Voltage:	12 - 48 V
Region:	China	Peak Conversion Efficiency:	98.00 %

- ☰ \* Advanced MPPT scanning technology & effective temperature management, ensuring

efficient, reliable and lasting solar DC charge.

\* Oversize heating sink design, along with PCBA glued with polyurethane & silicon mixture, for better system cooling and waterproof, to improve solar charge efficiency.

## Series: PWM-C P2430C

HeliosNE



Live Chat

Contact Manufacturer



Compare

Technology:	PWM	Product Warranty:	2 Years
Max. Solar Input Power:	450 - 900 W	Nominal System (Battery) Voltage:	12 - 24 V
Region:	China	Peak Conversion Efficiency:	--



- \* Negative grounded design, supports max 30A charge for 12V/24V battery system auto recognition.
- \* Designed for flush mount installation, in RV or power cabinet use.
- \* Extra USB output of 5V 1A.
- \* Optimized structure design with PWM 3-phases charge control, suitable for functioning

## Series: SSM-MPPT series

SUG New Energy

From ~~¥~~69,200 / Unit

Contact Manufacturer



Compare

Technology:	MPPT	Product Warranty:	2 Years
Max. Solar Input Power:	480 - 4800 W	Nominal System (Battery) Voltage:	12 - 48 V
Region:	China	Peak Conversion Efficiency:	99.00 %



We provide 2 years warranty for MPPT solar controller. It is with high charging efficiency.

## Series: CMP series

Cosuper Energy

MSRP from ~~¥~~307,000 / Unit

Contact Manufacturer



Compare

Technology:	MPPT	Product Warranty:	1 Year
Max. Solar Input Power:	600 - 2400 W	Nominal System (Battery) Voltage:	12 - 48 V
Region:	China	Peak Conversion Efficiency:	--

## Series: SDC-400V solar controller

Sandi Electric

MSRP from ~~¥~~1,100,000 / Unit

Contact Manufacturer



Compare

Technology:	PWM	Product Warranty:	1 Year
Max. Solar Input Power:	20000 - 60000 W	Nominal System (Battery) Voltage:	400 V

Region:

China 

Peak Conversion Efficiency:

98.00 %

### Series: Spriter series 60-120


Sacolar

From **¥192,000 / Unit**



[Contact Manufacturer](#)

Compare

Technology:	MPPT	Product Warranty:	2 Years
Max. Solar Input Power:	1500 - 6000 W	Nominal System (Battery) Voltage:	12 - 48 V
Region:	China 	Peak Conversion Efficiency:	98.00 %

ENF Solar is a definitive directory of solar companies and products. Information is checked, categorised and connected.

