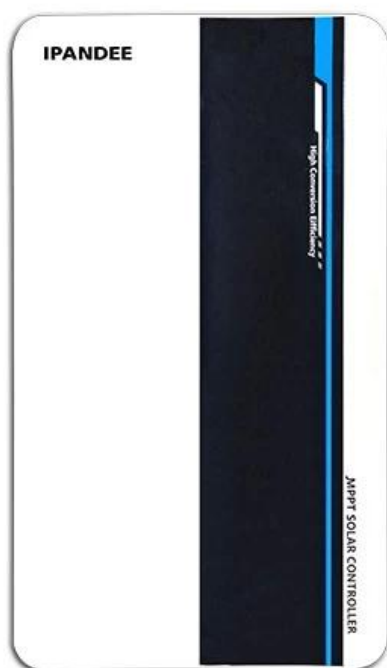


High Power and Voltage 96V 192V 216V 240V 384V MPPT solar controller


New Arrival
GALAXY
MPPT Solar Controller
96V 192V 216V 240V 384V



GALAXY series is a Maximum Power Point tracking(MPPT) function with high efficiency MPPT charge controller. It has many advantages such as wide range of PV input, charger voltage can be set, RS485 or RS232 (optional) and LAN communication port. Modular design, Small volume, light weight, high conversion efficiency. It is the most high-end product in solar market.



Product Model

Model	Battery system	Max. PV input voltage	Rated current
GALAXY-B96-XXA	96V□8*12V)	430V	70A;80A
GALAXY-B192-XXA	192V□16*12V□	430V	50A;60A
GALAXY-B216□220□-XXA	216V□18*12V□		
GALAXY-B240-XXA	240V□20*12V□		
GALAXY-B384-XXA	384V□32*12V□	850V	70A;80A

Feature

- 1.It has an efficient MPPT algorithm, MPPT efficiency $\geq 99.5\%$ and converter efficiency up to 98%.
- 2.Charge mode: three stages (constant current, constant voltage, floating charge), it prolongs service life of the batteries.
- 3.Four types of load mode selection: ON/OFF, PV voltage control, Dual Time control, PV+Time control .
- 4.Three kinds of commonly used lead-acid battery (Seal\Gel\Flooded) parameter settings fcan be selected by the user, and the user can also customize the parameters for other battery charging.
- 5.It has a current limiting charging function. When the power of PV is too large, the controller automatically keeps the charging power, and the charging current will not exceed the rated value.
- 6.Support multi - machine parallel to realize system power upgrade.
- 7.High definition LCD display function to check the device running data and working status, also can support modify the controller display parameter.
- 8.RS485 communication, we can offer communication protocol to convenient user's integrated management and secondary development.
- 9.Support PC software monitoring and WiFi module to realize APP cloud monitoring.
- 10.CE, RoHS, FCC certifications approved, we can assist clients to pass various certifications.
- 11.2 years warranty, and 2~10 years extended warranty service also can be provided.

PC software, Monitoring software, display and set the parameter

MPPT Solar MonitorV1.0

IPANDEE
MPPT Model: Explorer-ME460
Firmware: V2.6
Serial: 9246111120220419
Message: Click [START EDIT] to modify parameters!

Com Port: COM1
BaudRate: 9600
Address: 1
Opened
CLOSE
CHECK ADDRESS
STOP MONITOR
START EDIT
SET TIME
RESTORE
DATA CORRECTION

Running State
Standby

Real-time Data
PV Volt: 0.1V
BAT Volt: 14.2V
Load Volt: 14.1V
CHG Curr: 0.0A
Load Curr: 0.4A
CHG Power: 0W
Load Power: 5W
Inner Temp: 27.0°C
BAT Temp: 25.0°C
Alarm Tip: PV Low

Electricity Statistics
Day CHG: 0.0kWh
Month CHG: 0.0kWh
Total CHG: 0.0kWh
Day Used: 0.5kWh
Month Used: 0.5kWh
Total Used: 0.5kWh

Bat Parameters Of Controller
Bat Category: FLD
System Volt: (Auto)12 V
C.V. Charge: 14.6 V
Float Charge: 13.8 V
Equalizing V: 14.8 V
Equalizing T: 30 min
Max Chg Curr: 60.0 A
Max Load Curr: 30.0 A
Battery Over: 15.0 V
Over Recover: 14.8 V
Battery Low: 10.5 V
Low Recover: 11.0 V

Bat Parameters Set
Select Battery
BatType: FLD
Sys. Volt: Auto
Max CHG -I: 60.0 A
Max Load -I: 30.0 A
SAVE

Load Acid Battery(9~15V)
C.V. Charge: 14.6 V
Equalizing V: 14.8 V
Float Charge: 13.8 V
Equalizing T: 30 min
Battery Over: 15.0 V
Over Recover: 14.8 V
Battery Low: 10.5 V
Low Recover: 11.0 V
SAVE

Lithium Battery
Charge Volt: 14.6 V
Nominal Volt: 12.8 V
Battery Over: 15.0 V
Over Recover: 14.8 V
Battery Low: 9.8 V
Low Recover: 9.8 V
SAVE

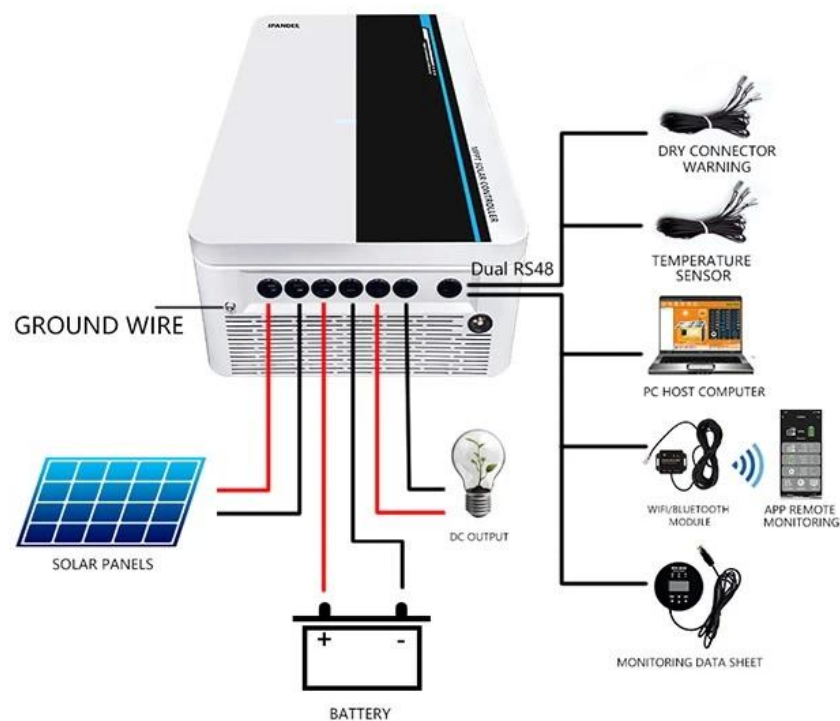
Load Output Parameters Of Controller
Load Control Mode: On Mode
Note: If Vbat exceeds the protection, will turn off!

Load Output Set
Light Mode
On Load->PV Low: 13.8 V
Off Delay: 10 min
Off Load->PV OK: 13.8 V
Off Delay: 10 min
Dual Timer Mode
Timer1->On Time: 10 : 30
Off Time: 11 : 30
Timer2->On Time: 10 : 30
Off Time: 11 : 30
Light-Time Mode
Dark->On Load->FvLow: 13.8 V
On Hour: 12 H
Dawn->Off Load->Fv Ok: 13.8 V
On Hour: 0 H
Load Mode Selection:
On Mode
SAVE

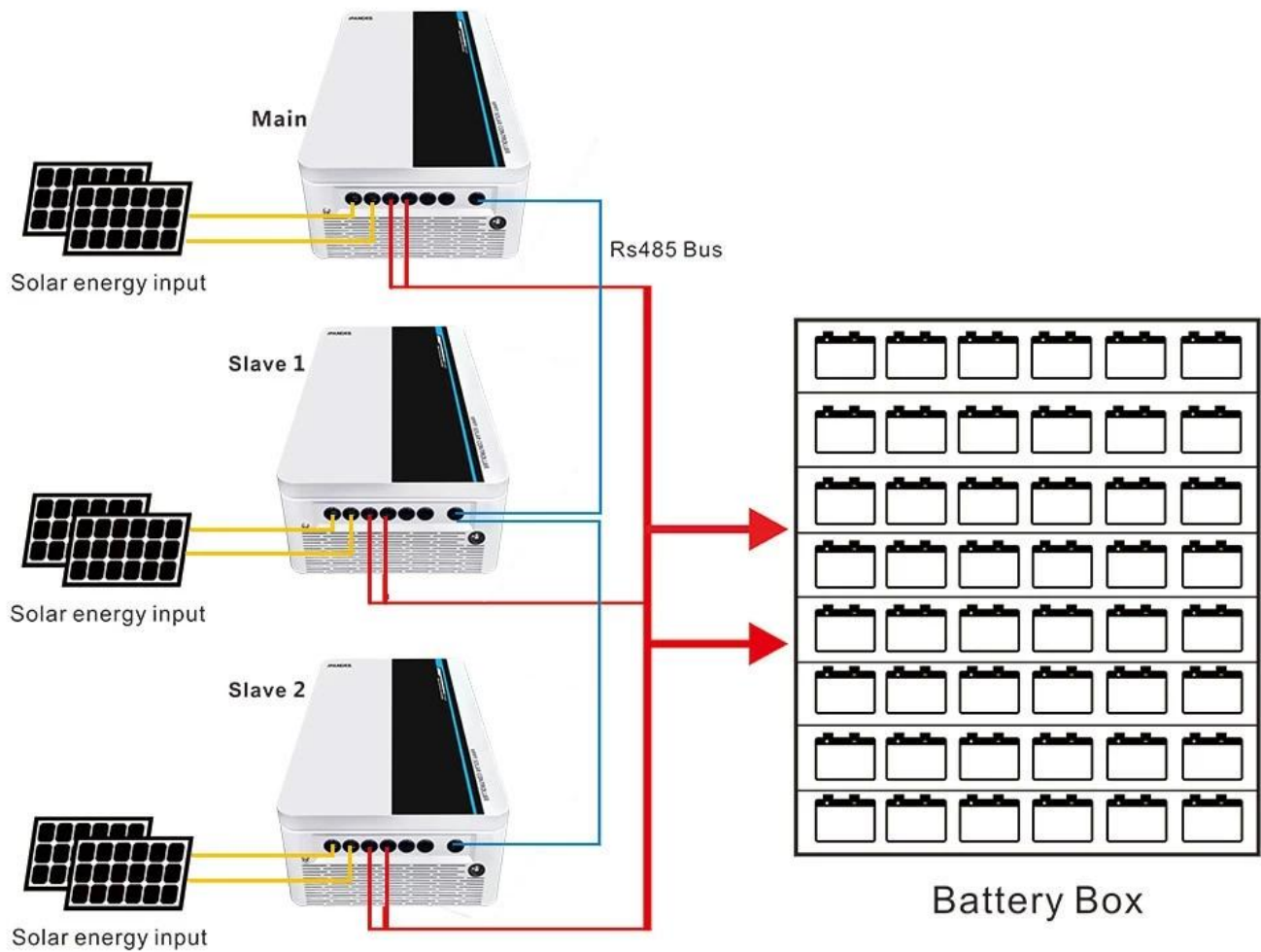
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2022- 4-19 15:37:33
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Bytes sent: 99320
Language: English
切换为中文

Other Parameters	Protect function	Input-output over \ under voltage protection, Prevention of connection reverse protection etc.		
	Operation Temperature	-20℃~+50℃		
	Storage Temperature	-40℃~+75℃		
	IP(Ingress protection)	IP21		
	Net Weight (kg)	14.7kg	14.7kg	18.8kg
	Gross Weight (kg)	16.6kg	16.6kg	20.6kg
	Product Size □mm□	371*500*187	371*500*187	391*500*227
	Packing Size(mm)	590*420*270	590*420*270	590*440*320

System connection diagram



Parallel connection diagram



Remark: Above is company's standard parameters, any modify please check our official website.