High power and voltage 96v 192v 216v 240v 384v Solar controller MPPT MPPT



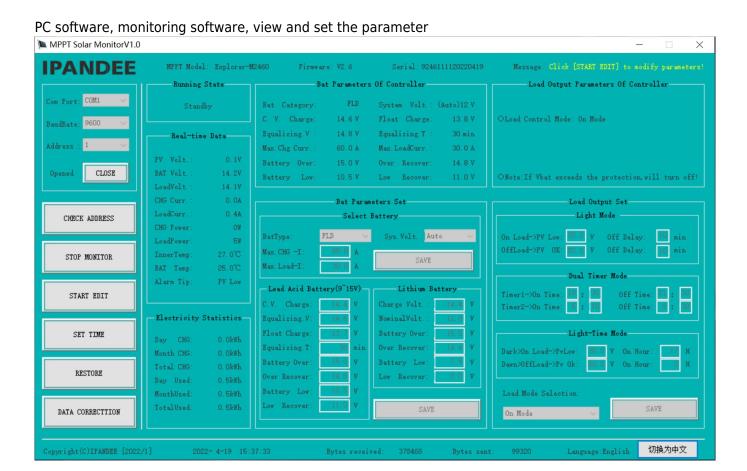
The Galaxy series is a maximum power point monitoring function (MPPT) with high -efficiency MPPT controller mas has many advantages such as the large photovoltaic input, it is possible to set the voltage of the charger, RS485 or RS232 (optional) eCommunication door Lan.design modular, small volume, light weight, high conversion efficiency. It is the high -end product in the solar market.



Model	Battery system	Max. Photovoltaic input intention	Nominal current
Galaxy-B96-XXA	96V [8*12V)	430V	70a;80th
Galaxy-B192-XXA	192v []16*12v[]		
Galaxy -B216 [[220[] -xxa	216v []18*12v[]	430V	50a;60th
Galaxy-B240-XXA	240V []20*12V[]		
Galaxy-B384-XXA	384V []32*12V[]	850V	70a;80th

Characteristic

- 1.A has an efficient MPPT algorithm, MPPT efficiency ≥99.5% and efficiency of the converter up to 98%.
- 2. Charge mode: three phases (constant current, constant voltage, mobile charge), extends the duration of the batteries.
- 3. Four types of load mode selection: on/off, control of photovoltaic voltage, double -time control, PV+time control.
- 4. Prepreter me settings of the commonly used lead lead parameters (seal \ gel \ flood) Fance are selected by the user and the user can also customize the parameters for other battery charging.
- 5. It takes a current limiting top -up function. When the power of the photovoltaic is too large, the controller automatically maintains the charging power and the charging current will not exceed the nominal value.
- 6. Suport Multi Machine Parallel to create the system power supply.
- 7. High definition LCD display function to also check the data in execution of the device and the state of work, it can also support modify the controller display parameter.
- 8.RS485 communication, we can offer a communication protocol to the comfortable integrated management of the user and secondary development.
- 9. Support PC software monitoring and wifi module to create the cloud app monitoring.
- 10.ce, Rohs, approved FCC certifications, we can help customers pass various certifications.
- 11.3 years of guarantee and $3 \sim 10$ years an extensive guarantee service may also be provided.



PC software

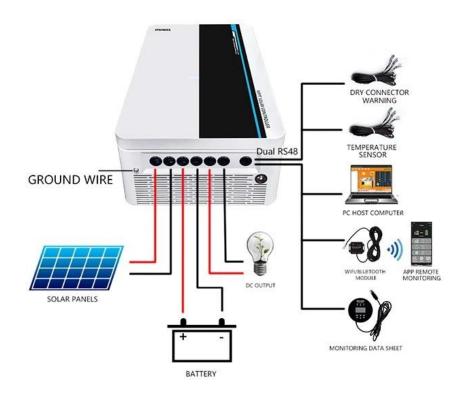
View state of charge and discharge, photovoltaic voltage, charge voltage, charge current etc. And the related parameter can be set.

parameter

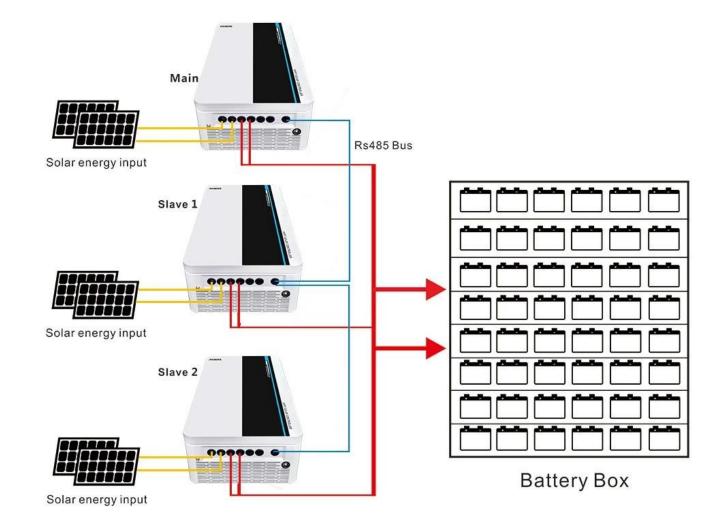
	Series		B96			B192 \ E	3 216	□ \ B240		
GALAXY	Power model	70th	80th	100a	50th	60th	70th	80th	100a	
Product category	Property of the controller	MPPT (maximum tracking of the power point)								
	MPPT efficiency	≥98%	≥98%	≥98%	≥98%	≥98%	≥98%	≥98%	≥98%	
	System voltage	DC96V			DC192V \ DC216V (DC220V) \ DC240V					
	Gamma of Videndification	DC72V ~ DC128V			DC144V ~ DC256V \ DC162V ~ DC288V \ DC180V ~ DC320V					
	Method that is dissipating of heat	Cooling of the intelligent fan								
Input features	Vmax-PV open circuit	DC430V			DC430V	DC430V	DC660V	DC660V	DC660V	
	Start Charge Vstart-PV	Vbat+20v	Vbat+20v	Vbat+20v	Vbat+20v	Vbat+20v	Vbat+20v	Vbat+20v	Vbat+20v	
	With low protection Vlow-PV	Vbat+10v	Vbat+10v	Vbat+10v	Vbat+10v	Vbat+10v	Vbat+10v	Vbat+10v	Vbat+10v	
	Over Protection Vover-PV	DC430V	DC430V	DC430V	DC430V	DC430V	DC660V	DC660V	DC660V	
	Nominal photovoltaic power	7280w	8320W	10400	11700W\			16640W \ 18720W \ 20800W	-	
	Selectable battery types	The sea	aled lead a			flooded (al	so other ty	pes of bat	tteries)-	
Charge features	Current classified in charge	70th	80th	100a	50th	60th	70th	80th	100a	
	Charging method	3 stadiums: constant current (quick loading) -Caric to the flourishing of the voltage						of the		
Loading characteristics	Load voltage	The sa	me as the voltage	battery		e as the voltage				
	Current charge	70th	80th	100a	50th	60th				
	Method control of loading		double -ti		ntrol of pho I mode, PV Ie					
Display and communication	Display mode	LCD128*64 POINT POINTS/ RETROILLUMPATION display								
	Methods of communication				8 -pin R	J45 port				

	Protect the function	Input-output on \ in protection of voltage, prevention of the reverse protection of connection etc.					
Other parameters	Operating temperature	-20 °C ∼+50 °C					
	Storage temperature	-40 °C ~+75 °C					
	IP (entrance protection)	IP21					
	Net weight (kg)	14.7 kg	14.7 kg	18.8 kg			
	Gross weight (kg)	16.6 kg	16.6 kg	20.6 kg			
	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



Note: above is the company's standard parameters, any modification controls our official website.