

SOLAR CHARGE CONTROLLER

POWER
LiNX™





SOLAR CHARGE CONTROLLER

Powerlinx Solar Charge Controller is an advanced micro controller unit based on PWM technology. The charging process has been optimized for longer battery life and improved system efficiency.



Dusk
to Dawn

1 Years
Warranty

Increase Battery Life /Gravity Builder

- Designed to remove sulphate build up
- A high equalizing charged battery



Automatic Voltage Selection

- Auto battery selection
- Settable battery selection for 50 A



USB Port

- For 20A plug in your DC devices such as fans, lights, mobile phones etc



Protections

- In-built short circuit , reverse current & polarity protection
- No risk of electric shocks



SOLAR CHARGE CONTROLLER

Feature	Value
Type	PWM 12V/24V 10A 20A 30A 40A 50A 60A
Application	Charger Controller, Solar Working Station,
	Lighting Controller, Voltage Controller, Solar
	System Controller
Work Time (h)	24H
Max PV Power	3000W
Max PV Voltage	50V
Certificate	ROHS, CE, ISO9001,ISO14001
Warranty	1 Years
Battery type	Lead Acid Battery Charger
Protection Function	Overcharge Over discharge Overload Short-circuit
	Protection
Charge way	Charge Under Sunshine
USB	2 USB
USB output	5V/2A MAX

PROTECTIONS & USER INTERFACE

Protection		• Reverse polarity (Panel/battery), short circuit, battery overcharge & deep discharge	
User Interface	Display & Indications	LED	LED & LCD
	LED Indications	• Faults: Battery low & high, reverse current, panel charging over current	
		• Battery charging status	
	LCD Display	NA	• Solar PV power
			• Battery voltage
			• Charging mode
			• Load On/Off
			• Faults: Battery low & high, reverse current, charging over current
			• Charging status

GENERAL

Operating Temperature	0°C to 50°C		
Dimensions (LxWxH) MM	112 x 125 x 25	125 x 100 x 45	264 x 183 x 90
Net Weight (Kg)	0.32	0.45	1.48

Technical Parameters are subject to change without any prior notice



KYZ SOLAR CHARGE CONTROLLER

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SOLAR CHARGE CONTROLLER

Feature	Value
Type	PWM 10A/20A/30A
Application	Charger Controller, Solar Working Station,
	Lighting Controller, Voltage Controller, Solar
	System Controller
Work Time (h)	24H
Max PV Power	1500W
Max PV Voltage	50v
Certificate	ROHS, CE, ISO9001,ISO14001
Display	LCD Screen
Working Temperature	-35~+60°C
USB output	5V/2A MAX
Battery type	Rechargeable Lead-acid Battery
Protection Function	Overcharge Over discharge Overload Short-circuit
	Protection
Charge way	Charge Under Sunshine
USB	2 USB
Floatinh Charging Voltage	15V/30V
Discharge stop voltage	13V/26V

PROTECTIONS & USER INTERFACE

Protection		• Reverse polarity (Panel/battery), short circuit, battery overcharge & deep discharge	
User Interface	Display & Indications	LED	LED & LCD
	LED Indications	• Faults: Battery low & high, reverse current, panel charging over current	
		• Battery charging status	
	LCD Display	NA	• Solar PV power
			• Battery voltage
			• Charging mode
			• Load On/Off
			• Faults: Battery low & high, reverse current, charging over current
			• Charging status



KDY Solar Charge Controller

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SOLAR CHARGE CONTROLLER

Feature	Value
Type	PWM 12V/24V/48V auto with WIFI APP Remote Control
Battery Type	Lithium iron phosphate battery/LIT2/b03
Application	Charger Controller, Solar Working Station, Lighting Controller, Voltage Controller, Solar System Controller, WIFI APP Control
Work Time (h)	24H
Max PV Voltage	50V
Certificate	ROHS, CE, ISO9001, ISO14001
Warranty	1 Years
Size	19715586mm
Protection Function	Overcharge Over discharge Overload Short-circuit Protection
Charge Way	Charge Under Sun power solar panels
USB Output	2 USB-5V/2A MAX
Operating Temperature	-35~+60°C
Waterproof Level	IP32
LVR (Low Voltage Disconnect)	12.6V/25.2V/50.4V
LVD (Low Voltage Drop)	10.7V/21.4V/42.8V

PROTECTIONS & USER INTERFACE

Protection		• Reverse polarity (Panel/battery), short circuit, battery overcharge & deep discharge	
User Interface	Display & Indications	LED	LED & LCD
	LED Indications	• Faults: Battery low & high, reverse current, panel charging over current	
		• Battery charging status	
	LCD Display	NA	• Solar PV power
			• Battery voltage
			• Charging mode
			• Load On/Off
			• Faults: Battery low & high, reverse current, charging over current
			• Charging status



MPPT Solar Charge Controller

Powerlinx Solar Charge Controller is an advanced micro controller unit based on PWM technology. The charging process has been optimized for longer battery life and improved system efficiency.



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SOLAR CHARGE CONTROLLER

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Type	PWM 12V/24V/48V auto with WIFI APP Remote Control
Battery Type	Lithium iron phosphate battery/LIT2/b03
Application	Charger Controller, Solar Working Station, Lighting Controller, Voltage Controller, Solar System Controller, WIFI APP Control
Work Time (h)	24H
Max PV Voltage	50V
Certificate	ROHS, CE, ISO9001, ISO14001
Warranty	1 Years
Size	19715586mm
Protection Function	Overcharge Over discharge Overload Short-circuit Protection
Charge Way	Charge Under Sun power solar panels
USB Output	2 USB-5V/2A MAX
Operating Temperature	-35~+60°C
Waterproof Level	IP32
LVR (Low Voltage Disconnect)	12.6V/25.2V/50.4V
LVD (Low Voltage Drop)	10.7V/21.4V/42.8V

PROTECTIONS & USER INTERFACE

Protection		• Reverse polarity (Panel/battery), short circuit, battery overcharge & deep discharge	
User Interface	Display & Indications	LED	LED & LCD
	LED Indications	• Faults: Battery low & high, reverse current, panel charging over current	
		• Battery charging status	
	LCD Display	NA	• Solar PV power
			• Battery voltage
			• Charging mode
			• Load On/Off
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MPPT Max Solar Charge Controller

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		• Battery charging status	
	LCD Display	NA	• Solar PV power
			• Battery voltage
			• Charging mode
			• Load On/Off
			• Faults: Battery low & high, reverse current, charging over current
			• Charging status



THANK YOU

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