



12-24V PWM Solar Controllers

Sold Individually

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DESCRIPTION

12-24V solar charge controllers, comes in various amperage to suit different applications. These controllers are a safe and efficient way to regulate solar power for monocrystalline solar panels.

Equipped with PWM (Pulse Width Modulation) technology, LED display, 6 charging stages & 6 safety protection features, including overcharge, reverse polarity & short circuit protection. Compatible to use with AGM/Wet/Gel/Calcium/LTO/LiFePO4 & Li-ion batteries. 12 month manufacturer warranty.

FEATURES

- Suitable for GEL/AGM/Wet/Calcium/LTO/LiFePO4 & Li-ion batteries
- 6 charging stages including trickle, boost, absorb, float, full & maintain float
- 6 safety protection safeguard, including overcharge, reverse polarity & short circuit
- LED display with real-time voltage & charging cycles
- Easy 2 piece mounting
- Comes with a 5m battery temperature probe

TECHNICAL SPECIFICATIONS

Voltage	• 12 - 24 Volt
Suitable Batteries	• Gel/Wet/AGM/Calcium/LTO /LiFePO4/Li-ion
Charging Stages	• Trickle, Boost, Absorb, Float, Full & Maintaining Float
Temperature Safety	• Stops charging at 85°C & flashes, resumes charging when temperature reaches 65°C
IP Rating	• IP65 rated
Mounting	• 2 piece easy mounting
Warranty	• 12 month manufacturer warranty

Battery Types (12V)	0%	25%	50%	75%	100%	Full	
LifePO4	10.5V	12.4V	12.8V	13.5V	13.7V	14V	14.4V
LTO (Li4Ti5O12)	10.5V	12.4V	12.8V	13.5V	13.7V	14V	14.4V
GEL	10.5V	12V	12.3V	12.6V	13.2V	13.8V	14.3V
AGM	10.5V	12V	12.3V	12.6V	13.2V	13.8V	14.3V
WET	10.5V	12V	12.4V	12.8V	13.2V	13.8V	14.6V
CALCIUM	10.5V	12V	12.4V	12.8V	13.2V	13.8V	14.6V
Li3+/Li-ion	9.5V	10.2V	11.1V	11.6V	11.8V	12V	12.6V
Charging stages	Boost				Absorb		Float
					Maintaining Float/Full		

PART NUMBERS

Part Numbers.	Voltage	Amperage	Suits Solar Panel	Description
KT70780	12 - 24 Volt	5 Amp	10 Watt to 40 Watt	12-24V, 5A solar panel charge controller. Suits solar panel from 10W to 40W.
KT70781		10 Amp	20 Watt to 170 Watt	12-24V, 10A solar panel charge controller. Suits solar panel from 20W to 170W.
KT70783		20 Amp	100 Watt to 300 Watt	12-24V, 20A solar panel charge controller. Suits solar panel from 100W to 300W.