

MPC40A#12-48VPVT



Features:

- >> Three-stage smart charging
- >> Adjustable parameters by pressing buttons
- >> 12V/24V/48V adaptive
- >> Wall mounting

Technical Specifications

Model		MPC-40A#12-48VPVT
System voltage		12V/24V/36V/48V(Adaptive)
Nominal current		40A
Charging mode		MPPT maximum power point tracking
Applicable battery type		Sealed lead acid battery, GEL lead acid battery, open lead acid battery (can also customize parameters for other types of battery charging)
Charging method		Three stages: constant current, constant voltage, floating charge
PV input maximum open circuit voltage		DC150V
Starting time		≤10s
Dynamic response recovery time		≤500us
Static power		≤1W
Overall efficiency		≥98.5%
System identified voltage	12V	9~16V
	24V	18~32V
	48V	34~64V
Photovoltaic input voltage	12V	18~145V
	24V	30~145V
	48V	54~145V
Solar panel rated input power	12V	540W
	24V	1080W
	48V	2160W
Load voltage		Same as the battery voltage
Nominal load current		40A
Load control method		Normally on&off mode
Load undervoltage protection		10.5V*N (N stands for batteries number) Parameters can be adjustable
Display		HD LCD backlight display
Protections		Input and output over-voltage protection, input and output anti-reverse protection, over-temperature protection, load over-current protection
Working temperature		-20°C~+50°C
Storage temperature		-40°C~+70°C
Acoustic Noise(db)		≤50dB
Humidity		0~90%RH
Working altitude		0~3000M
Dimension, LxWxH		219*260*110mm
Net Weight (KG)		2.8KG

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