



Solar Controller

For solar station with MPPT

PRTC-3024V



System voltage	DC 12V/24V	Rated battery charge current	30A
Self-consumption	Max 10mA (24V)	Maximum battery voltage	32V
Max. PV open circuit voltage	150V DC	Rated load discharge current	20A
Maximum PV input power	500W (12V) / 1000W (24V)	Charge circuit voltage drop	≤ 0.26V
Communication	TTL232 / 8pin RJ45	Discharge circuit voltage drop	≤ 0.15V
Enclosure / Altitude	IP30 / ≤ 3000m	Temperature compensation	-30mV/°C/12V
Terminals	25mm ²	Working temperature	-35°C ~ 55°C
Dimension	242x169x91mm	Packing:	39.5x28.5x32.5cm / 6pcs / 21kg

PRTC-4548V / PRTC-6048V



System voltage	DC 12V/24V/36V/48V auto work	Rated battery charge current	45A / 60A
Self-consumption	1.4~2.2W	Voltage range	8~72V
Max. PV open circuit voltage	150V DC	Temperature compensation	-30mV/°C/12V
Enclosure / Altitude	IP20 / ≤ 3000m	Working temperature	-25°C ~ 55°C
Terminals	35mm ²	Dimension	285x203x105mm
Maximum PV input power(45A)	600W (12V) / 1200W (24V) / 1800W (36V) / 2400W (48V)		
Maximum PV input power(60A)	800W (12V) / 1600W (24V) / 2400W (36V) / 3200W (48V)		
Communication	RS-232 (DB9) / 8pin RJ45 / CAN BUS Connection (MC1.5-3.81-4L)		

Packing(PRTC-4548V):50.0x29.5x35.0cm/2pcs/11.5kg

Packing(PRTC-6048V):55.5x29.5x35.0cm/2pcs/14.5kg