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倡导自然能源 支持绿色环保



PRTC-3024E Solar Controller For Solar station with MPPT

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PRDUCT APPLICATION





**PROFLEX®**  
New Energy driving future power

## Solar Controller

Street light/solar station with MPPT

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### PRLS-R2410 / PRLS-R2420



System voltage	DC 12V/24V auto work	Over-discharge voltage	11.1V ; x2 / 24V
System current	10A, 20A	Temperature compensation	-4.0mV/°C/2V(25°C)
Self-consumption	< 5mA/12V ; < 8mA/24V	Light sensor delay time	10min
Max. PV input voltage	< 55V	Working temperature	-35°C ~ +65°C
Overpressure protection	17.0V ; x2 / 24V	Protection grade	IP68
Equalize charging voltage	14.6V ; x2 / 24V(25°C)	weight	0.14kg(10A); 0.3kg(20A)
Boost charging voltage	14.4V ; x2 / 24V(25°C)	Overall dimension	82x58x20mm(10A)
Float charging voltage	13.8V ; x2 / 24V(25°C)		82x100x20mm(20A)
Low voltage reconnect voltage	13.2V ; x2 / 24V(25°C)	Packing(10A): 28.0 x 28.0 x 22.0 cm / 54pcs / 9.58kg	
Low voltage disconnect voltage	12.5V ; x2 / 24V	Packing(20A): 33.5.0 x 30.0 x 21.0 cm / 32pcs / 10kg	

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### PRTC-1024E / PRTC-2024E



Nominal system voltage	12/24VDC auto work	Self-consumption	≤20mA/12V; ≤16mA/24V
Rated charge current	10A	Temperature compensation	-3mV/°C/2V(25°C)
Rated discharge current	10A	Working temperature	-25°C ~ +45°C
Maximum battery voltage	32V	Enclosure	IP30
Max. solar input voltage	100V	Overall dimension	172x139x44mm
Battery terminal voltage	9V ~ 32V	Power cable(1024E)	4mm²
Max. PV input power(1024E)	130W(12V) / 260W(24V)	Power cable(2024E)	10mm²
Max. PV input power(2024E)	260W(12V) / 520W(24V)	Net weight	0.6kg / 1.1kg
	Packing(1024E): 48.0 x 41.5 x 27.5 cm / 24pcs / 19kg	Packing(2024E): 51.0 x 36.0 x 23.5 cm / 12pcs / 15.5kg	

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