



# Solar Controller

For solar station with MPPT

## PRTC-ES



System voltage	DC 12V/24V/48V Auto	Communication port	RS232
Rated input current	15A/20A/25A/30A/40A	Measurement	205x168x60mm
Rated output current	30A	Package size	265x196x110mm
Efficiency	System $\geq 96.5\%$ , $\leq 99\%$	N.G	1.8kg
MPPT working range	12V/DC 14-100V; 24V/DC 30-100V; 48V/DC 60-100V	G.N	2.0kg
High input voltage protection point	DC110V	Enclosure	IP25
High input voltage recovery point	DC100V	Packing:	41.0x27.5x23.5cm/4pcs/12.5kg
Low input voltage protection point	12V/DC 14V; 24V/DC 30V; 48V/DC 60V		
Low input voltage recovery point	12V/DC 18V; 24V/DC 34V; 48V/DC 65V		
Selectable battery types	lead acid / Vented / Gel / NiCd		

## PRTC-S1



System voltage	DC 12V/24V/48V Auto	Communication port	RS232
Rated input current	40A/50A/60A	Measurement	270x185x90mm
Rated output current	20A	N.G	3.0kg
Efficiency	System $\geq 96.5\%$ , $\leq 99\%$	G.N	3.6kg
MPPT working range	12V/DC 18-150V; 24V/DC 34-150V; 48V/DC 65-150V	Color	Blue/Green
High input voltage protection point	DC150V	Packing:	48.0x33.0x34.5cm/4pcs/16kg
High input voltage recovery point	DC145V		
Low input voltage protection point	12V/DC 16V; 24V/DC 30V; 48V/DC 60V		
Low input voltage recovery point	12V/DC 22V; 24V/DC 34V; 48V/DC 65V		
Selectable battery types	lead acid / Vented / Gel / NiCd		