

ISO9001: 2008 **RoHS**    -LVD/EMC



### Maximum Power Point Tracking (MPPT) controller

Model	MPPT-25A	MPPT-30A	MPPT-40A
Nominal battery charge voltage	12/24V auto.detection		
Rated charge current	25A	30A	40A
Rated discharge current	25A	30A	40A
Max.PV input power	360W@12V ×2/24V	430W@12V ×2/24V	570W@12V ×2/24V
Power conversion efficiency	≥97%		
Standby power consumption	≤15mA		
Temperature compensation	-3 mv/cell *K		
Float charge	13.8V; ×2/24V		
Constant voltage charge	14.6V; ×2/24V		
Low disconnect voltage	11V; ×2/24V		
Low reconnect voltage	12.8V; ×2/24V		
Grounding	Positive grounding		
Battery type	GEL, AGM, Solar battery etc.		
Ambient temperature range	-40 to +50°C		
Case protection	IP22		
Dimension	188 × 176 × 93mm(L*W*H)		
Net weight	1.7kg	1.8kg	1.9kg

### MAXIMUM POWER POINT TRACKING (MPPT) CONTROLLER

Model	MPPT-50A	MPPT-60A	MPPT-70A
Nominal battery charge voltage	12/24V auto.detection		
Rated charge current	50A	60A	70A
Rated discharge current	50A	60A	70A
Max.PV input power	720W@12V ×2/24V	860W@12V ×2/24V	1000W@12V ×2/24V
Power conversion efficiency	≥97%		
Standby power consumption	≤10mA		
Temperature compensation	-3 mv/cell *K		
Float charge	13.8V; ×2/24V		
Constant voltage charge	14.6V; ×2/24V		
Low disconnect voltage	11V; ×2/24V		
Low reconnect voltage	12.8V; ×2/24V		
Grounding	Positive grounding		
Battery type	GEL, AGM, Solar battery etc.		
Ambient temperature range	-40 to +50°C		
Case protection	IP22		
Dimension	192 × 176 × 93mm(L*W*H)		
Net weight	2kg	2.1kg	2.2kg

