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MPPT SOLAR CHARGE CONTROLLER

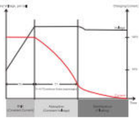
SERIES20~120A

- Intelligent Maximum Power Point Tracking technology increases efficiency 25%~30%.
- Three-stage charging optimizes battery performance.
- Maximum charging current up to 20A/30A/45A/60A/80A/100A/120A.
- Maximum efficiency up to 98%.

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Specification

Model	SCCM2024-I	SCCM3024-II	SCCM4524-I	SCCM6548-II	SCCM8048-II	SCCM8048-I	SCCM10048-I	SCCM12048-II
Maximum Battery Current	20Amps	30Amps	45Amps	45Amps	60 Amps	80 Amps	100Amps	120 Amps
Nominal System Voltage	12,24VDC(Auto detection)			12V, 24V, 48V DC (Auto detection)				
Maximum Solar Input Voltage	95V			145V			195V	
PV Start-up Voltage	15V							
PV Array MPPT Voltage Range	12VDC/24VDC			12VDC/24VDC/48VDC				
	15-80VDC/30-80VDC			15-130VDC / 30-130VDC 60-130VDC			15-170VDC / 30-170VDC 60-170VDC	
Maximum Input Power	12V - 280W	12V - 420W	12V - 625W	12V - 625W	12V - 825W	12V - 1100W	12V - 1375W	12V - 1650W
	24V - 560W	24V - 830W	24V - 1250W	24V - 1250W	24V - 1650W	24V - 2200W	24V - 2750W	24V - 3300W
	/	/	/	48V - 2500W	48V - 3300W	48V - 4400W	48V - 5500W	48V - 6600W
Charging Curve								
Charging Algorithm	3-Step							
Charging stages	Bulk,Absorption,Float							
Temperature compensation coefficient	-5mV/°C/cell(25°Cref.)							
Temperature compensation range	0°C to +50°C							
Transient Surge Protection	4500 Watts / port							
Protections	Solar high voltage disconnect Solar high voltage reconnect Battery high voltage disconnect Battery high voltage reconnect High temperature disconnect High temperature reconnect							
Mechanical & Environment								
Product size(D*W*H)	201x137x65	201x137x65	221x152x73	277x185x100	277x185x100	290x199x103	319x218x118	319x218x118
Net Weight(KG)	1.2 Kg	1.2 Kg	1.8 Kg	3.4 Kg	4.7 Kg	5.9 Kg	6.5 Kg	6.5 Kg
Ambient Temperature Range	0°C to +55°C							
Storage Temperature	- 25°C to 75°C							
Humidity	0%-90%RH(No condensing)							
Enclosure	IP20(indoor&vented)							

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