MPPT Solar Charge Controller 192V

Model	MPPT solar charger	MSC-192-50	MSC-192-100	MSC-192-200
Match solar panel parameters	Solar panels power	10560Wp	21120Wp	42240Wp
	Max. Power voltage range Vmp	DC160V~DC400V		
	Open circuit Voltage Voc	< DC450V		
	Over voltage protection $V_{over-pv}$	DC450V		
	Low voltage protection V_{low-pv}	＞ Battery Low voltage protection（Settable）		
Charging characteristics	Applicable battery type	Sealed lead-acid battery, colloidal lead-acid battery, open lead-acid battery (you can customize parameters to charge other types of batteries)		
	Battery rated voltage	DC192V		
	Start charging $V_{start-pv}$	$V_{pv} > V_{bat}$		
	Floating voltage	DC232V（Settable）		
	Battery Low voltage protection	Settable		
	Rated charging current	50A	100A	200A
	Over current protection	60A	120A	240A
	Charging mode	Three stages: constant current (fast charging), constant pressure, floating charging		
Display \ communication	Display mode	Touch screen		
	Communication protocol	Modbus RTU / Modbus TCP		
	Communication mode	RS485 / USB / Wifi / GPRS / RJ45 / CAN（optional）		
	App cloud monitoring	Support Wifi / GPRS / Ethernet		
Other features	Protection function	Input and output overvoltage and undervoltage protection, anti reverse connection protection, etc		
	MPPT efficiency	≥99.5%		
	Cooling Mode	Fan		
	Working environment temperature	-20℃~+50℃		
	Storage temperature	-40℃~+75℃		
	IP protection level	IP20 (customizable outdoor IP65)		