

SSM MPPT Solar Charge Controller



Products Specification

Model			SSM-20	SSM-30	SSM-40	SSM-50	SSM-60	SSM-80
12V/24V/36V/48V-Series			20A	30A	40A	50A	60A	80A
Product Category	Controller type		Controller with maximum power point tracking (MPPT)					
	MPPT efficiency		≥99.5%					
	No-load static loss		0.5W~1.2W					
Input characteristics	VOC		DC150V					
	Solar panel rated input power	12V system	260W	390W	520W	650W	780W	960W
		24V system	520W	780W	1040W	1300W	1560W	1920W
		36V system	780W	1170W	1560W	1950W	2340W	2880W
		48V system	1040W	1560W	2080W	2600W	3120W	3840W
Charging characteristics	Applicable battery type		Sealed lead acid battery, open lead acid battery (can also customize parameters for other types of battery charging)					
	Charging current		20A	30A	40A	50A	60A	80A
	Charging method		Three stages: constant current (fast charge), constant voltage, floating charge					
	Rated load current		40A				60A	
Other attributes	Protective function		Input and output over-voltage protection, anti-reverse protection, battery off protection, etc.					
	Net weight (kg)		1.25		2.8		4.2	4.2
	Product size (mm)		186*148*64.5		172.8*249.7*111.1		342.8*190*117	342.8*190*117