	Item	Shine05
Battery Parameters	System Voltage	12V
	Max Charging Current	5A
	Fast Voltage	<14.5V @25℃
	Boost Voltage	14.5V @25℃
	Equal Voltage	14.8V @25℃（Liquid）
	Float Voltage	13.7V @25℃
	Temp. Compensation	-4.17mV/K per cell (Boost, Equal), -3.33mV/K per cell (Float)
	Over Voltage Protection	15.5V
	Battery Type	Liquid
	Low Voltage Disconnect	11V
	Low Voltage Reconnect	12.5V
	Max Battery Voltage	20V
Panel Parameters	Max Solar Voltage	25V
	Day/Night Threshold	5V
Load Parameters	Output Current	5A
	Work Modes	Always on
System Parameters	Dimensions (mm)	90*49*18
	Weight (g)	36g
	Wire Size	1.5mm²
	Self Consumption	5mA
	Ambient Temperature	-35~+60℃
	Degree Of Protection	IP22