

Model No. Nominal System Voltage		KC9
		12V
PV Input	Max. PV Charging Current	20A
	Rated Charging Voltage	17V / 34V
Lead-acid Battery	Nominal Voltage	12V / 24V
	Regulation Voltage	14.4V/ 28.8V adjustable
	Float Voltage	14.1V/ 28.2V adjustable
	Low Voltage Alarm	Low Voltage Disconnect + 0.5V
	Low Voltage Disconnect	10.8V/ 21.6V adjustable
Load Output	Nominal Voltage	12V / 24V
	Rated Load Current	20A
	Over Voltage Alarm	15.5V / 31V
	High Voltage Disconnect	16V/ 32V
Operating Temperature		from - 20°C to +50°C
Dimensions		8.6 x 12.0x 4.1 cm
Functions	Mode	Light Switch mode, Light-on/Time-off mode, Time Switch mode, Manual Switch mode
	User Interface	LCD display screen & 4 pcs button: data display & parameter setting; 3 pcs dual-color LEDs indicate: solar module status, battery status, load status.
	Protection Functions	Reverse polarity protection of battery & solar module; Battery over charge & over discharge alarm and protection; Output over load & short circuit protection; Reverse current protection at night; Temperature compensation. Lightning protection.