

Model No. Nominal System Voltage		KC7
		12V
PV Input	Max. PV Charging Current	1 OA
	Rated Charging Voltage	17V
Lead-acid Battery	Nominal Voltage	12V
	Regulation Voltage	14.4V
	Float Voltage	14.1V
	Low Voltage Alarm	11.4V
	Low Voltage Disconnect	10.8V
Load Output	Nominal Voltage	12V
	Rated Load Current	10A
	Over Voltage Alarm	15V
	High Voltage Disconnect	15.5V
Operating Temperature		from - 20°C to +50°C
Dimensions		7.0 x 11.9 x 3.0 cm
Functions	Mode	Manual Switch mode, Light Swift mode, Light-on & 5/ 6/7 /8 /12hrs' Time-off mode
	User Interface	2 pcs dual-color & 1 pcs single-color LEDs indicate: solar module status, battery status, load status.
	Protection Function	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.