

| Model No. | | KC5D |
|------------------------|--------------------------|--|
| Nominal System Voltage | | 12V |
| PV Input | Max. PV Charging Current | 7A |
| | Rated Charging Voltage | 17V |
| Lead-acid Battery | Nominal Voltage | 12V |
| | Regulation Voltage | 14.4V |
| | Float Voltage | 13.8V |
| | 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 | | 16.0 x 9.0 x 2.9 cm |
| Functions | Mode | Always On mode, Light Switch mode |
| | User Interface | 6 pcs LEDs indicate: Charging, Full, Low volt Working, Over volt, Over load. |
| | 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. |