

SOLAR CHARGE CONTROLLER With DC Load Function

CD series (CD12/24-10 - 12/24V auto.detection 10A)

DESCRIPTION

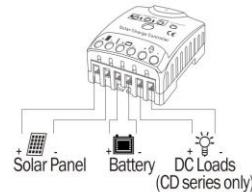
The new version of C series solar charge controller is especially designed for small solar systems with the need of a low battery disconnect feature. Leisure and rural electrification systems are the typical applications for this product. It is perfect solution for cost-sensitive systems which require state-of-the-art system management.

FEATURES

- 3 LED indications: charge status, SOC, LVD, overload/short circuit
- Maximum 16 sq.mm connecting terminals
- Fully electronically protected: Panel surge voltage, wrong polarity at panel or battery, overload and short circuit at load
- The melting fuse of the preprocessor has been replaced by a fully electronically protected circuit
- Selectable charging model (Gel & Sealed battery type)
- Reverse blocking MOSFET
- Automatic temperature compensation
- Common positive allows grounding



RoHS CE-LVD/EMC



SPECIFICATIONS

MODEL	CD12/24-10	
NORMAL (SYSTEM) VOLTAGE	12/24V auto. Detection	
BATTERY SELECTION	Liquid Electriylte	GEL(VRLA Battery)
BOOST VOLTAGE	14.5V/29V (25℃)	14.3V/28.6V (25℃)
EQUALIZATION VOLTAGE	14.8V/29.6V (25℃)	14.4V/28.8V (25℃)
FLOAT VOLTAGE	13.7V/27.4V (25℃)	13.6V/27.2V (25℃)
LOW VOLTAGE DISCONNECT	11/22V controlled by voltage	
LOW RECONNECT VOLTAGE	12.8V/25.6V	
MAX. CHARGING CURRENT	10A	
MAX. DC OUTPUT	10A	
PROTECTIONS	PV & Battery Reverse Polarity, Overload, Short-circuit	
SELF CURRENT CONSUMPTION	<4mA	
OPERATING TEMPERATURE RANGE	-40~50℃	
AUTO.TEMPERATURE COMPENSATION	Yes	
CHARGING MODEL SELECTABLE BY	Adjusting on PCB	
MAX. WIRE SIZE	16 mm ² (AWG#6)	
DIMENSION	8.5*7*3.6cm	
CASE PROTECTION	IP22	
CASE MATERIAL	ABS	
PRODUCT WEIGHT	120g	
CASE COLOR	Blue and Black selectable	
PACKING	Gift box , 100 pcs/16.6Kg/Carton(55.5*24.5*36cm)	

Note: Specification prior to change without notice