

SOLAR CHARGE CONTROLLER With DC Load Function

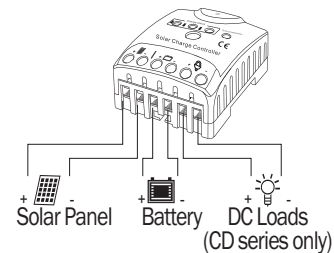
CD series (CD12/24-10 - 12/24V auto.detection 10A)

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
- Mximum 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- The melting fuse of the prodecessor has been replaced by a fully electronically protected circuit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



SPECIFICATIONS

MODEL	CD12/24-10	
NORMINAL (SYSTEM) VOLTAGE	12/24V auto. Detection	
BATTERY SELECTION	Liquid Electrilyte	GEL(VRLA Battery)
BOOST VOLTAGE	14.5V/29V (25°C)	14.3V/28.6V (25°C)
EQUALIZATION VOLTAGE	14.8V/29.6V (25°C)	14.4V/28.8V (25°C)
FLOAT VOLTAGE	13.7V/27.4V (25°C)	13.6V/27.2V (25°C)
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°C	
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

SOLAR CHARGE CONTROLLER With DC Load Function

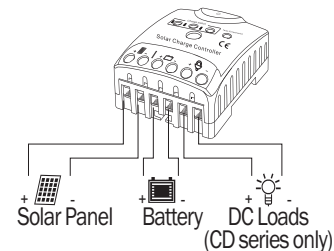
CD series (CD12/24-15 - 12/24V auto.detection 15A)

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
- Mximum 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 prodecessor 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



SPECIFICATIONS

MODEL	CD12/24-15	
NORMINAL (SYSTEM) VOLTAGE	12/24V auto. Detection	
BATTERY SELECTION	Liquid Electrilyte	GEL(VRLA Battery)
BOOST VOLTAGE	14.5V/29V (25 °C)	14.3V/28.6V (25 °C)
EQUALIZATION VOLTAGE	14.8V/29.6V (25 °C)	14.4V/28.8V (25 °C)
FLOAT VOLTAGE	13.7V/27.4V (25 °C)	13.6V/27.2V (25 °C)
LOW VOLTAGE DISCONNECT	11/22V controlled by voltage	
LOW RECONNECT VOLTAGE	12.8V/25.6V	
MAX. CHARGING CURRENT	15A	
MAX. DC OUTPUT	15A	
PROTECTIONS	PV & Battery Reverse Polarity, Overload, Short-circuit	
SELF CURRENT CONSUMPTION	<4mA	
OPERATING TEMPERATURE RANGE	-40~50 °C	
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/Cartron(55.5*24.5*36cm)	

Note: Specification prior to change without notice

SOLAR CHARGE CONTROLLER With DC Load Function

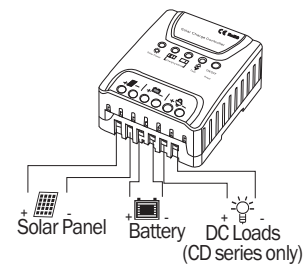
CD series (CD12/24-20 - 12/24V auto.detection 20A)

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
- Mximum 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 prodecessor 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



SPECIFICATIONS

MODEL	CD12/24-20	
NORMINAL (SYSTEM) VOLTAGE	12/24V auto. Detection	
BATTERY SELECTION	Liquid Electrilyte	GEL(VRLA Battery)
BOOST VOLTAGE	14.5V/29V (25 °C)	14.3V/28.6V (25 °C)
EQUALIZATION VOLTAGE	14.8V/29.6V (25 °C)	14.4V/28.8V (25 °C)
FLOAT VOLTAGE	13.7V/27.4V (25 °C)	13.6V/27.2V (25 °C)
LOW VOLTAGE DISCONNECT	11/22V controlled by voltage	
LOW RECONNECT VOLTAGE	12.8V/25.6V	
MAX. CHARGING CURRENT	20A	
MAX. DC OUTPUT	20A	
PROTECTIONS	PV & Battery Reverse Polarity, Overload, Short-circuit	
SELF CURRENT CONSUMPTION	<4mA	
OPERATING TEMPERATURE RANGE	-40~50 °C	
AUTO.TEMPERATURE COMPENSATION	Yes	
CHARGING MODEL SELECTABLE BY	Adjusting on PCB	
MAX. WIRE SIZE	16 m.m ² (AWG#6)	
DIMENSION	11.5*9.1*4.8cm	
CASE PROTECTION	IP22	
CASE MATERIAL	ABS	
PRODUCT WEIGHT	224g	
CASE COLOR	Blue and Black selectable	
PACKING	Gift box , 100 pcs/16.6Kg/ Carton(51*30*26.5cm)	

Note: Specification prior to change without notice

SOLAR CHARGE CONTROLLER With DC Load Function

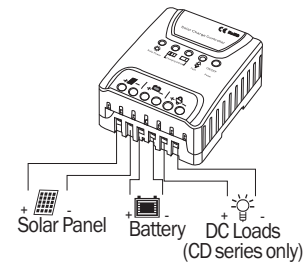
CD series (CD12/24-25 - 12/24V auto.detection 25A)

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
- Mximum 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 prodecessor 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



SPECIFICATIONS

MODEL	CD12/24-25	
NORMINAL (SYSTEM) VOLTAGE	12/24V auto. Detection	
BATTERY SELECTION	Liquid Electrilyte	GEL(VRLA Battery)
BOOST VOLTAGE	14.5V/29V (25 °C)	14.3V/28.6V (25 °C)
EQUALIZATION VOLTAGE	14.8V/29.6V (25 °C)	14.4V/28.8V (25 °C)
FLOAT VOLTAGE	13.7V/27.4V (25 °C)	13.6V/27.2V (25 °C)
LOW VOLTAGE DISCONNECT	11/22V controlled by voltage	
LOW RECONNECT VOLTAGE	12.8V/25.6V	
MAX. CHARGING CURRENT	25A	
MAX. DC OUTPUT	25A	
PROTECTIONS	PV & Battery Reverse Polarity, Overload, Short-circuit	
SELF CURRENT CONSUMPTION	<4mA	
OPERATING TEMPERATURE RANGE	-40~50 °C	
AUTO.TEMPERATURE COMPENSATION	Yes	
CHARGING MODEL SELECTABLE BY	Adjusting on PCB	
MAX. WIRE SIZE	16 m.m ² (AWG#6)	
DIMENSION	11.5*9.1*4.8cm	
CASE PROTECTION	IP22	
CASE MATERIAL	ABS	
PRODUCT WEIGHT	224g	
CASE COLOR	Blue and Black selectable	
PACKING	Gift box , 100 pcs/16.6Kg/Cartron(51*30*26.5cm)	

Note: Specification prior to change without notice

SOLAR CHARGE CONTROLLER With DC Load Function

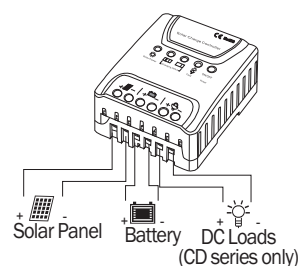
CD series (CD12/24-30 - 12/24V auto.detection 30A)

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
- Mximum 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 prodecessor 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



SPECIFICATIONS

MODEL	CD12/24-30	
NORMINAL (SYSTEM) VOLTAGE	12/24V auto. Detection	
BATTERY SELECTION	Liquid Electrilyte	GEL(VRLA Battery)
BOOST VOLTAGE	14.5V/29V (25°C)	14.3V/28.6V (25°C)
EQUALIZATION VOLTAGE	14.8V/29.6V (25°C)	14.4V/28.8V (25°C)
FLOAT VOLTAGE	13.7V/27.4V (25°C)	13.6V/27.2V (25°C)
LOW VOLTAGE DISCONNECT	11/22V controlled by voltage	
LOW RECONNECT VOLTAGE	12.8V/25.6V	
MAX. CHARGING CURRENT	30A	
MAX. DC OUTPUT	30A	
PROTECTIONS	PV & Battery Reverse Polarity, Overload, Short-circuit	
SELF CURRENT CONSUMPTION	<4mA	
OPERATING TEMPERATURE RANGE	-40~50°C	
AUTO.TEMPERATURE COMPENSATION	Yes	
CHARGING MODEL SELECTABLE BY	Adjusting on PCB	
MAX. WIRE SIZE	16 mm ² (AWG#6)	
DIMENSION	11.5*9.1*4.8cm	
CASE PROTECTION	IP22	
CASE MATERIAL	ABS	
PRODUCT WEIGHT	224g	
CASE COLOR	Blue and Black selectable	
PACKING	Gift box , 100 pcs/16.6Kg/ Carton(51*30*26.5cm)	

Note: Specification prior to change without notice