KRECO 景荣

1500W AC-DC Metal Enclosure Battery Charger KRE-C1500x series

例图型号：C1200

■ **AC Power Cord Type**

AC Power Cord	2/3 pin Euro	2/3 pin USA	2/3 Pin China	2/3 pin UK	2/3 pin AU	2/3 pin JP	2/3 pin KR	2/3 pin IN	3 pin South Africa	IEC320-C13/C5
Yes/No	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

■ **KRECO Part List**

Type	Basic Model	With OLED display
KRECO P/N	C1500	C1500M

■ **Features**

- Charger for lead-acid batteries (Flooded, Gel, and AGM) and Li-Ion batteries (lithium iron, lithium manganese and lithium nickel cobalt manganese) (Note. 1)
- AC voltage range 180 ~ 264VAC
- Multi-stages smart charging characteristic
- Protections: Short circuit /Overload /Over voltage /Low voltage /Over temperature /Over current /Reverse polarity /Timing /Fully charged shut down /No leaking current drain out of the battery
- High efficiency, Maximum efficiency can be up to 92%
- Class I power, portable type.
- Fan cooling with anti-dust mesh
- 2 color LED loading indicator
- M type with Embed MCU intelligent control, RS485 and CAN2.0B communication for option, OLED display for option, it shows voltage, current, time and SOC percent
- No spark DC plug design when the DC connector plugs into or unplugs from the battery
- No spark design when short circuit protection
- Active zero voltage battery charge input port

■ **Applications**

- Electric vehicles/ Electric bikes
- Cleaning machines/ Vacuums

　　http://charger.kreco.com.cn　　　File name: KRE-C1500x-SPEC　　June 10, 2019

- Drone/ Aerospace/Robot
- Agricultural equipment/Motorcycles
- Scooters/ RC boat/Electric toys
- Cars/ Buses/Electric tool
- Libraries/ Hospitals
- Fire departments/ Telecommunications
- Industry Consumer electronic devices

Industrial | Security | Network | Telecom | Automate | Household | ECO

■ Output Specifications

(Standard):

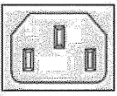| Output	Nominal DC Voltage	**48V**	**60V**	**72V**
	Float/Boost Charge Voltage	54.6~58.8V	61.2~73.5V	75V~89V
	Rated Current (at 220VAC)	15A	15A	15A
	Part List (reference)	58.4v/15A 58.8v/15A	67.2v/15A 71.4v/15A	84v/15A
	Rated Power	882W	1071W	1260W
	LED Indicator	CC and CV Charging current > Rated current * 10%: RED; CV Charging current <= Rated current * 10%: GREEN		

■ Technical Specifications

Input	**Voltage Range**	180~264VAC
	Frequency Range	47~63HZ
	Power Factor	0.65 at 230VAC
	Efficiency	92%
	AC Current	3A/220VAC
	Inrush Current	Cold Start < 60A
	Leakage Current	<3.5ma/240VAC
Protections	**Short Circuit**	RED LED Fast Flashing and shut down output voltage; Recovers automatically after fault condition is removed.
	Reverse Polarity	
	Low Voltage	
	Over Current	Shut down output voltage, re-power on to recover.
	Over Voltage	
	Over Load	
	Over Temperature	100°C±10°C(RTH2), automatically derate charge current to half max rated current.

Interface	RS485, CAN2.0B	For option, customized (M type)
	OLED Display	For option, voltage, current, charging time, SOC percent (M type)
	UART	Baud rate: 9600bps, 8 data bits, no parity, 1 Stop Bit
Environment	Working Temp.	-30°C~+60°C
	Working Humidity	20~90% TH non-condensing
	Storage Temp.	-40°C~+85°C,
	Humidity	10~95% TH
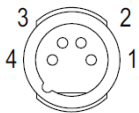
| Safety & EMC	Safety Standards	TUV EN62368,PSE J62368 KC K62368, UL1012, EN/IEC60335
	Withstand Voltage	I/P-O/P:1.8KVAC,I/P-FG:1.8KVAC,O/P-FG:0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC/25 °C/70% RH
	EMC Emission	Compliance to EN55032 (CISPR32) Class B, EN62233, EN61000-3-2,-3, EAC TP TC 020
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55014, light industry level, criteria A, EAC TP TC 02
Others	Dimension(mm)	267*156*95.4 (L*W*H);
	Packing	3Kg; pcs/ Kgs/ CBM

■ **Pin Assignment**

DC output connector (Standard):

IEC320-C13		
	PIN NO.	**OUTPUT**
	N	+V
	L	-V

DC output connector (Optional):

4pin XLR
UNICABLE 89M103-4P or equivalent

	PIN NO.	OUTPUT
	1,2	+V
	3,4	-V

DC output connector (Optional):

AD1
[housing: Anderson 1327FP(red), 1327G6FP(black) contacts: Anderson 261G2 (45A) or equivalent]
Red(+V) Black(-V)

*Note: -V connected to AC FG

■ **Charging Curve**
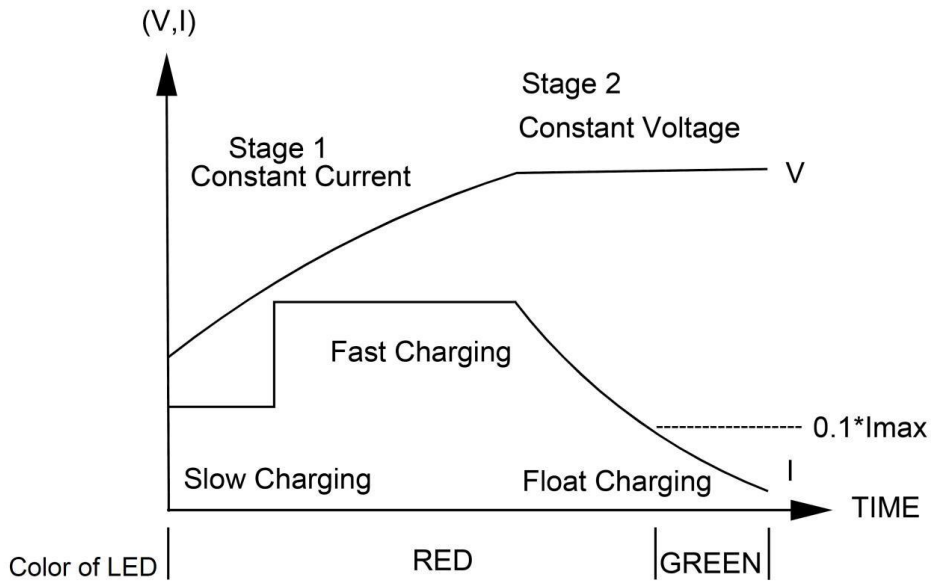
*Note: This charging curve is for Li-Ion battery.

■ **Notes**

(1) Modification for charger specification may be required for different battery specification.

Please contact battery vendor and KRECO for detail.

(2) All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C ambient temperature.

(3) xxx for Output voltage and yyy for output current, what you are going to order, please must specify to sales.

(4) M for it with OLED display; V for upgrade version.

(5) Safety model number differs from the order number, part number, and shape number as per respective OEM/ODM factories.

Disclaimer: Kreco is not responsible for any error, and reserves the right to make changes without notice.

Please visit our website at www.kreco.com.cn for the most up-to-date specifications and quotation by contact us.