



Smart Electric Bike Battery Charger

KEVC-XXXX

The Kripower's KEVC-XXXX series represents a leap forward in electric bike charging technology, specifically engineered to provide safe, efficient, and rapid charging for modern e-mobility applications. Designed to meet the growing demands of the electric two-wheeler market, this advanced charger is the ideal companion for your e-bike, ensuring minimal downtime and maximum battery lifespan.

Salient Features:

- Constant Current Constant Voltage Li / LifePo4 Battery Charging Profile
- Accurate Constant Current Charging
- High Efficiency: Up to 92.5% efficiency to minimize energy loss.
- Compact size in the market
- Active Inrush Current Circuit: <7A with bypass relay-eliminate NTC heating
- Deep Discharge Push Button
- Battery Reverse Voltage Protection
- Short circuit Protection
- Input under voltage protections (<185VAC)
- LED Indications

Ordering Code:

KEVC-XXXX

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1	COMPANY'S NAME and EV Charger
2	Nominal Output Voltage for Battery
3	Charging Current

SPECIFICATIONS:

MODEL		KEVC-4810	KEVC-5811	KEVC-6075	KEVC-6010	KEVC-7110	KEVC-7210
OUTPUT	Nominal DC Voltage	48.0V	51.8V	60.0V	60.0V	60.0V	72.0V
	Constant Voltage (CV)	54.6V	58.8V	67.2V	67.2V	71.4V	84.0V
	Battery charging current (CC)	10A	11A	7.5A	10A	10A	10A
	Start Up Time (Typ.)	2 Sec.					
INPUT	AC Voltage Range	190 To 265VAC					
	Frequency Range	47 – 63Hz					
	Efficiency (Typ.)	>90 %					
	AC Current (Typ.)	1.2A to 1.5A/230VAC					
	Inrush Current (Typ.)	7A at 230VAC/ Soft start with NTC BYPASS RELAY					
	Leakage Current	<3.5mA/ 230VAC					
PROTECTION		Battery Reverse Polarity					
		Battery Safe Voltage Detection at power on					
		Input Under Voltage Protection < 180VAC					
		Output Short circuit protection					
INDICATIONS	Full Charge	Continue Green LED ON					
	Battery Charging	Red LED Blinking					
	Deep Discharge Mode	Press Push Button at Power On for Deep discharged Battery					
DIMENSIONS		220X110X70 (LxWxH) mm					
 PRECAUTIONS		• First Connect the Battery and Connect AC Power Supply • Please pay attention to the "+/-" Charger • Please ensure only compatible batteries are used • Avoid shock, direct sun light and do not use near water. • Use in ventilated areas and do not cover during use • Switch off the charger after completion of charge • Unplug charger from AC power supply first before connecting or disconnecting charger from battery					



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