

# EXEL<sup>®</sup>

## E- RICKSHAW SOLAR CHARGING STATION



**EXEL** Transformer based E-Rickshaw charging station ensure easy, fast and optimum charging of the batteries within minimum time. The Constant Voltage and Constant Current of the charger eliminate any possibility of overcharging. As the charger is SCR controlled, the charging current is constant in spite of larger input voltage fluctuations. This charging station has got five independent outputs. Five rickshaws could be connected at a time. As all outputs are independent hence no output channel interferes with each other. This E-Rickshaw charger is having provision for true sharing of current between Electric & Solar charging. When solar is present the electric consumption is reduced.

## SPECIAL FEATURES

- Charging Current is constant even with Input Voltage fluctuations.
- True Sharing of Current between AC Mains and Solar.
- Ensures long back up from the battery and enhances battery life.
- CV/CC charger removes any possibility of overcharging.
- Digital Meters
- Solar Compatible
- Provides Isolation. For Higher Safety.
- Less prone to poor quality of input supply.
- Robust and reliable.

## SPECIFICATION

Sr. No.	Parameters	Range
1.	Input Power Supply	180-270 Volts 1-Phase (L, N & E), 50 Hz $\pm$ 5%.
2.	Output Voltage	60V $\pm$ 1% DC Adjustable
3.	Output Current	10 Amps DC five channels
4.	Charging profile	Constant Voltage / Constant Current
5.	Mode of Operation	Automatic
6.	Termination of Charging	Automatic
7.	Charger Protection	MCB at Input.
8.	Metering	Digital Voltmeter
		Digital Current Meter
9.	General Specification	Charging equipment is floor mounted type on wheels
10.	Solar Panel	300W X 2 Nos. each Channel
11.	Solar Current	True Sharing with AC Current
12.	Priority Charging	Solar Current

AUTHORISED DEALER :

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