RAPIDTRON ELECTRONIKA PRIVATE LIMITED

CHARGING DEVICES FOR ALL EV's







Powering the future...



Company Overview

Established in 2019, Rapidtron Electronika is a first generation entrepreneurs Who stands with a strong determination and resources to excel in their Endeavours. As professionals having over three decades of experience will Be an Added Advantage to introduce many more products in the coming years. The Board and the key management team are well equipped to deal with the Ups and downs in the Industry.

Vision

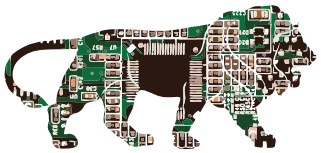
To excel in the latest technologies which are preferred by our customers and embraced by our employees. Further, sustain growth through business excellence and achieve customer delight.

Mission

Rapidtron mission is to continuously strengthen and upgrade processes, systems and employees competencies to achieve our vision. Generate employment opportunities and create wealth for the wellbeing.
Live and let live is our motto.

Values

To inculcate discipline among the employees and achieve highest working culture which will benefit their lives and society at large.
Dignity of labor is held in high esteem.



MAKE IN INDIA

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CHARGING DEVICES FOR ALL EV's



3 Wheeler Li-ion Battery Charger with CAN Communication

as per AIS 156 Phase 2

IP 21 EV CHARGER



IP 67 EV CHARGER

Salient Features:

- Microcontroller based intelligent charger with CAN communication.
- Power Factor Correction (PFC) is > 0.99
- Suitable for NMC & LFP Li-ion batteries or Equivalent.
- Earth Leakage Protection as per IS12640.
- Over charge,temperature,voltage,reverse polarity and short circuit protection.
- CC,CV,Precharge and soft start features are available.
- Deep discharge charging capability
- High Efficiency, Enhances the Battery life.
- Very precise voltage and current limits.
- Passed Bump & Vibration tests (From ETDC-HYD) in line with Auto standards.
- Compact design and easy to carry.
- ISO 9001:2015 Certified Company.

Corporate office & Factory Address :

Plot No.1,2&3, Sy No.25 ANR Arcade, 2nd Floor, Near Rampally X Roads, Nagaram, Keesara Mandal, Medchal - Malkajgiri dist, Hyderabad - 500083, Telangana, India. www.rapidtron.co.in, Ph. 9154246615/18/09

Powering the future...

Three Wheeler Li-Ion Chargers

48V/15A - Model No: RE3AC4815

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<4.5A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	58.4V/58.8V DC ±0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	15 Amp ±0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 242mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

48V/20A - Model No: RE3AC4820

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<6A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	58.4V/58.8V DC ±0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	20 Amp ±0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 242mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

48V/25A - Model No: RE3AC4825

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<7.5A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	58.4V/58.8V DC ±0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	25 Amp ±0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

48V/30A - Model No: RE3AC4830

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<9A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	58.4V/58.8V DC ±0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	30 Amp ±0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

48V/40A - Model No: RE3AC4840

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<12A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	58.4V/58.8V DC ±0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	40 Amp ±0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

48V/50A - Model No: RE3AC4850

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<15A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	58.4V/58.8V DC ±0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	50 Amp ±0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

Three Wheeler Li-Ion Chargers

60V/15A - Model No: RE3AC6015

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<5.3A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	67.2V/69.3V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	15 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 259mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

60V/20A - Model No: RE3AC6020

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<7A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	67.2V/69.3V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	20 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 259mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

60V/25A - Model No: RE3AC6025

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<9A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	67.2V/69.3V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	25 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

60V/30A - Model No: RE3AC6030

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<10.4A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	67.2V/69.3V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	30 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

60V/35A - Model No: RE3AC6035

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<12.5A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	67.2V/69.3V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	35 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

60V/40A - Model No: RE3AC6040

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<14.3A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	67.2V/69.3V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	40 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

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Three Wheeler Li-Ion Chargers

72V/15A - Model No: RE3AC7215

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<6.5A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	84V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	15 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 259mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

72V/20A - Model No: RE3AC7220

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<8.6A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	84V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	20 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 259mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

72V/25A - Model No: RE3AC7225

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<10.8A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	84V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	25 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

72V/30A - Model No: RE3AC7230

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<13A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	84V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	30 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

72V/35A - Model No: RE3AC7235

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<15A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	84V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	35 Amp ± 0.2A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

72V/40A - Model No: RE3AC7240

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<17.3A @ 230VAC, FULL LOAD
POWER FACTOR CORRECTION	>0.99
DC OUTPUT	
OUTPUT VOLTAGE	84V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	40 Amp ± 0.2A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0° C to + 50° C
	Storage -20° C to + 75° C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 283mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

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RAPIDTRON ELECTRONIKA PRIVATE LIMITED

CHARGING DEVICES FOR ALL EV's



3 Wheeler Lead Acid Charger

Salient Features:

- Microcontroller based intelligent charger
- Suitable for Lead Acid batteries and sealed Lead acid and Tall Tubular Batteries. (*)
- High Efficiency- Consumes very less power.
- Deep discharge charging capability.
- Very precise voltage and current limits.
- Over charge, temperature and voltage protections.
- Passed Bump & Vibration tests (From ETDC-HYD) in line with Auto standards.
- Compact design and easy to carry.
- ISO 9001:2015 Certified Company.
- Enhances the Battery life.

Powering the future..

Corporate office & Factory Address :

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(*). BATTERY CHARGING PROFILES MAY VARY BASED ON THE BATTERIES VOLTAGE.

Three Wheeler Lead Acid Chargers

48V/15A - Model No: RE3AC4815

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<8A @ 230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	65V DC ± 0.5V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	15 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 242mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)

60V/15A - Model No: RE3AC6015

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<10A @ 230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	82V DC ± 0.5V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	15 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 259mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)

48V/18A - Model No: RE3AC4818

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<10A @ 230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	65V DC ± 0.5V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	18 Amp ± 0. 3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 259mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)

60V/18A - Model No: RE3AC6018

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<10A @ 230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	82V DC ± 0.5V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	18 Amp ± 0.3A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 259mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)

48V/20A - Model No: RE3AC4820

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<10A @ 230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	65V DC ± 0.5V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	20 Amp ± 0.2A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 242mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)

60V/20A - Model No: RE3AC6020

AC INPUT	
INPUT VOLTAGE RANGE	170V - 300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<10A @ 230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	82V DC ± 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	20 Amp ± 0.2A
RIPPLE	<1000mV. at Nominal Input
NOISE	<2000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0°C to + 50°C
	Storage -20°C to + 75°C
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking/Constant
CHARGING COMPLETE	All LED's On and constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3 pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2 core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS	W = 153mm H = 91mm L = 259mm
WEIGHT (Unpacked)	Max. 3.0 Kg's (Approximately)

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RAPIDTRON ELECTRONIKA PRIVATE LIMITED

CHARGING DEVICES FOR ALL EV's



2 Wheeler Li-ion Battery Charger with CAN Communication

as per AIS 156 Phase 2

Salient Features:

- Microcontroller based intelligent charger with CAN communication.
- Suitable for NMC & LFP Li-ion batteries or Equivalent.
- Earth Leakage Protection as per IS12640.
- Over charge,temperature,voltage,reverse polarity and short circuit protection.
- CC,CV,Precharge and soft start features are available.
- Deep discharge charging capability
- High Efficiency, Enhances the Battery life.
- Very precise voltage and current limits.
- Passed Bump & Vibration tests (From ETDC-HYD) in line with Auto standards.
- Compact design and easy to carry.
- ISO 9001:2015 Certified Company.

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Two Wheeler Li-Ion Chargers

48V/6A - Model No: RE2AC4806

AC INPUT	
INPUT VOLTAGE RANGE	170V -300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<3A@230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	58.8VDC ± 0.30V (Can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	6.0 Amp ± 0.3A
RIPPLE	<500mV. Pk - Pk, at Nominal Input
NOISE	< 1000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0ºC to + 50ºC
	Storage -20ºC to + 75ºC ambient.
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking
CHARGE COMPLETE	100% Green LED Constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS.	W = 95mm H = 66mm L = 185mm
WEIGHT (Unpacked)	Max. 1.7 KG
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

48V/10A - Model No: RE2AC4810

AC INPUT	
INPUT VOLTAGE RANGE	170V -300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<4.0A@230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	58.8VDC ± 0.30V (Can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	10.0 Amp ± 0.3A
RIPPLE	<500mV. Pk - Pk, at Nominal Input
NOISE	< 1000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0ºC to + 50ºC
	Storage -20ºC to + 75ºC ambient.
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking
CHARGE COMPLETE	100% Green LED Constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS.	W = 95mm H = 66mm L = 185mm
WEIGHT (Unpacked)	Max. 2.2 KG
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

60V/6A - Model No: RE2AC6006

AC INPUT	
INPUT VOLTAGE RANGE	170V -300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<3.0A@230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	69.3VDC ± 0.30V (Can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	6.0 Amp ± 0.3A
RIPPLE	<500mV. Pk - Pk, at Nominal Input
NOISE	< 1000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0ºC to + 50ºC
	Storage -20ºC to + 75ºC ambient.
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking
CHARGE COMPLETE	100% Green LED Constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS.	W = 95mm H = 66mm L = 185mm
WEIGHT (Unpacked)	Max. 1.7 KG
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

60V/10A - Model No: RE2AC6010

AC INPUT	
INPUT VOLTAGE RANGE	170V -300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<4.5A@230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	69.3VDC ± 0.30V 30V (Can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	10.0 Amp ± 0.3A
RIPPLE	<500mV. Pk - Pk, at Nominal Input
NOISE	< 1000mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0ºC to + 50ºC
	Storage -20ºC to + 75ºC ambient.
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking
CHARGE COMPLETE	100% Green LED Constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS.	W = 95mm H = 66mm L = 190mm
WEIGHT (Unpacked)	Max. 2.2 Kg
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

72V/6A - Model No: RE2AC7206

AC INPUT	
INPUT VOLTAGE RANGE	170V -300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<4.0A@230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	83.95VDC ± 0.30V (Can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	6.0 Amp ± 0.3A
RIPPLE	<900mV. at Nominal Input
NOISE	< 1800mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0ºC to + 50ºC
	Storage -20ºC to + 75ºC ambient.
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking
CHARGE COMPLETE	100% Green LED Constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS.	W = 126mm H = 81mm L = 223mm (Tentative)
WEIGHT (Unpacked)	Max. 2.5 KG
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

72V/10A - Model No: RE2AC7210

AC INPUT	
INPUT VOLTAGE RANGE	170V -300VAC
INPUT FREQUENCY RANGE	47Hz - 63Hz
INPUT CURRENT	<6A@230VAC, FULL LOAD
DC OUTPUT	
OUTPUT VOLTAGE	83.95VDC ± 0.30V 30V (Can be set as per customer requirement)
OUTPUT NOMINAL VOLATGE	72V DC
OUTPUT CURRENT	10.0 Amp ± 0.3A
RIPPLE	<900mV. Pk - Pk, at Nominal Input
NOISE	< 1800mV. Pk - Pk, at Nominal Input
PROTECTIONS	
OUTPUT OVERLOAD	Available
SHORT CIRCUIT PROTECTION	Available
OUTPUT OVER VOLTAGE	Available
BATTERY REVERSE	Available
OVER TEMPERATURE	Available
CHARGING SAFETY TIMER	Available
ENVIRONMENT	
TEMPERATURE	Operation Ambient 0ºC to + 50ºC
	Storage -20ºC to + 75ºC ambient.
INDICATIONS	
MAINS ON	Red LED ON
CHARGER ON/ CHARGING	25% Green LED Blinking
CHARGE COMPLETE	100% Green LED Constant
ELECTRICAL WIRES	
AC INPUT CONNECTION	3pin AC plug with 3 core Cable, 1.5 Meter length
DC OUTPUT	2core cable with 1.5 meter length
MECHANICAL DETAILS	
DIMENSIONS.	W = 126mm H = 81mm L = 238mm (Tentative)
WEIGHT (Unpacked)	Max. 2.5 Kg
Communication (optional)	CAN 2.0A (Standard 11-bit), CAN 2.0B (Extended 29-bit)

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NEW PRODUCTS



IP 67 EV CHARGER



WALL - MOUNT CHARGER



EV CHARGING STATION



AC/DC CHARGING HUB

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Manufacturing Facilities

Rapidtron established manufacturing facilities to comply with international standards







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