

RAPIDTRON ELECTRONIKA PRIVATE LIMITED

CHARGING DEVICES FOR ALL EV's



AIS 156 Phase 2 Charger

3 Wheeler Li-ion Battery Charger with CAN Communication as per AIS 156 Phase 2

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.9390458854 / 9154246615/18

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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	15 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	20 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	25 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	30 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	40 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	48V DC
OUTPUT CURRENT	50 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	15 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	20 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	25 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	30 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	35 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	60V DC
OUTPUT CURRENT	40 Amp \pm 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

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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	15 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	20 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	25 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	30 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	35 Amp \pm 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 \pm 0.2V (can be set as per customer requirement)
OUTPUT NOMINAL VOLTAGE	72V DC
OUTPUT CURRENT	40 Amp \pm 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)

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.

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.9390458854 / 9154246615/18

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(*) BATTERY CHARGING PROFILES MAY VARY BASED ON THE TYPES OF LEAD ACID BATTERIES.

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	58.4V/65VDC ±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)

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	67.2V/81.2VDC ±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 = 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	58.4V/65VDC ±0.2V (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	67.2V/69.3VDC ±0.2V (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	58.4V/65VDC ±0.2V (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	67.2V/69.3VDC ±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)

RAPIDTRON ELECTRONIKA PRIVATE LIMITED

CHARGING DEVICES FOR ALL EV's



AIS 156 Phase 2 Charger

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.

Corporate office & Factory address:

Plot No.1,2&3, Sy No.25 ANR Arcade, 2nd Floor, Near Rampally X Roads,
Nagaram, Keesara Mandel, Medchal - Malkajgiri dist, Hyderabad- 500083,
Telangana, India. www.rapidtron.co.in, Ph.9390458854/ 9154246615/18

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Two Wheeler (E-Bike) 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	<600mV. Pk - Pk, at Nominal Input
NOISE	< 1200mV. 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 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 = 198mm
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	<5A@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	<600mV. Pk - Pk, at Nominal Input
NOISE	< 1200mV. 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 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
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	<3.3A@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	<600mV. Pk - Pk, at Nominal Input
NOISE	< 1200mV. 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 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 = 198mm
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	<5.5A@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	<700mV. Pk - Pk, at Nominal Input
NOISE	< 1400mV. 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 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
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	<4.2A@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 0°C to + 50°C Storage -20°C to + 75°C 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 = 198mm (Tentative)
WEIGHT (Unpacked)	Max. 1.8 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 VOLTAGE	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 0°C to + 50°C Storage -20°C to + 75°C 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)