

SUPER-LITE™

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Automotive Lead Acid Battery Charger Series

SUPER-LITE™



introduction

SUPER-LITE™ Lead Acid Battery Chargers are specifically designed for high volume battery charging, accommodating up to 9 pieces of 12V batteries or 18 pieces of 6V batteries connected in series. This capability is achieved through multiple voltage and current selections, allowing for various combinations of charging conditions to meet individual requirements. These chargers are housed in a heavy-gauge steel casing with an epoxy powder-coated finish and are available in two designs: one with fixed voltage/current and another with multiple voltage/current selections.

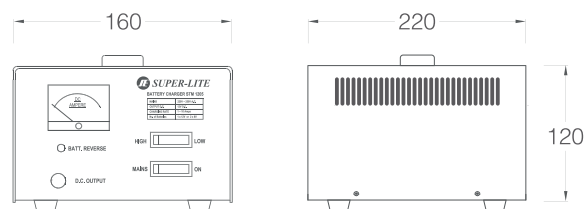
Automotive Lead Acid Battery Charger Series

SUPER-LITE™

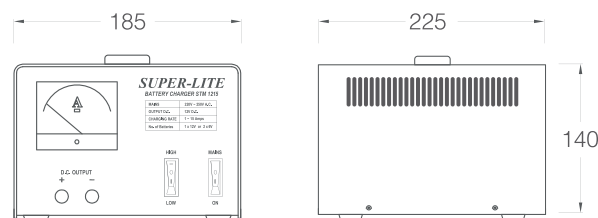


model	STM 1205	STM 1210	STM 1215	STM 2410
output	12Vdc	12Vdc	12Vdc	12Vdc ~ 24Vdc
max charging current	max 5Amp (low & high select)	max 10Amp (low & high select)	max 5Amp (low & high select)	max 10Amp (selectable)
safety protection	input fuse 2Amp, output auto fuse 7.5Amp	input fuse 2Amp, output auto fuse 15Amp	input fuse 3Amp, output MCB 20Amp	input fuse 3Amp, output MCB 16Amp
dimension (h x w x d)	(120 x 160 x 220) mm	(120 x 160 x 220) mm	(140 x 185 x 225) mm	(160 x 240 x 270) mm
weight	3.7kg	4.9kg	6.5kg	10.8kg

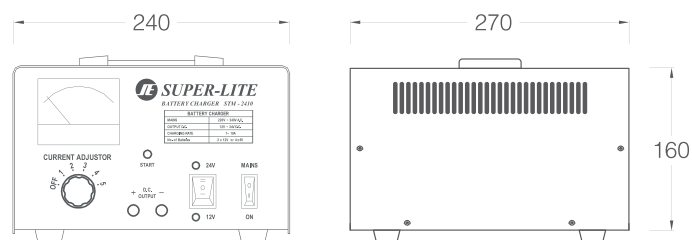
model: STM 1205 / STM 1210



model: STM 1215



model: STM 2410



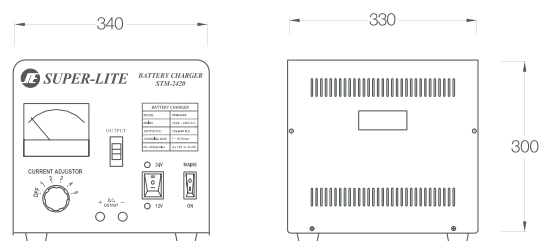
Automotive Lead Acid Battery Charger Series

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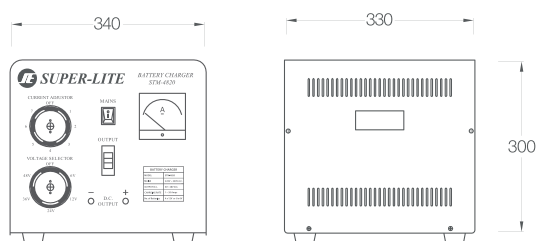


model	STM 2420	STM 4810	STM 4820
output	12Vdc ~ 24Vdc	6Vdc ~ 48Vdc	6Vdc ~ 48Vdc
max charging current	max 20Amp (selectable)	max 10Amp (selectable)	max 20Amp (selectable)
safety protection	input fuse 5Amp, output MCB 25Amp	input fuse 5Amp, output MCB 15Amp	input fuse 8Amp, output MCB 25Amp
dimension (h x w x d)	(300 x 340 x 330) mm	(300 x 340 x 330) mm	(300 x 340 x 330) mm
weight	21.8kg	18.8kg	25.5kg

model: STM 2420



model: STM 4810 / STM 4820



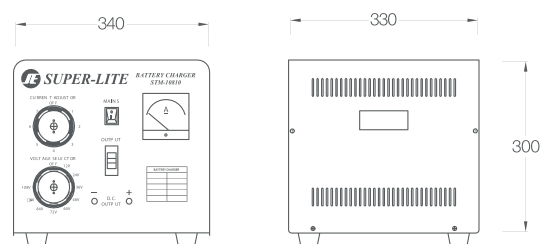
Automotive Lead Acid Battery Charger Series

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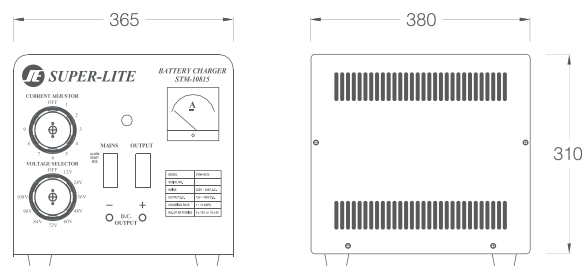


model	STM 9610 / STM 10810	STM 10815	SE 915
output	6Vdc ~ 96Vdc / 12Vdc ~ 108Vdc	12Vdc ~ 108Vdc	12Vdc ~ 84Vdc / 12Vdc ~ 108Vdc
max charging current	max 10Amp (selectable)	max 15Amp (selectable)	max 15Amp (selectable)
safety protection	input fuse 8Amp, output MCB 15Amp	input fuse 15Amp, input MCB 15Amp output MCB 25Amp	input fuse 15Amp, input MCB 15Amp
dimension (h x w x d)	(300 x 340 x 330) mm	(310 x 365 x 380) mm	(485 x 580 x 320) mm
weight	24.5kg / 26.5kg	40.0kg	48.0kg

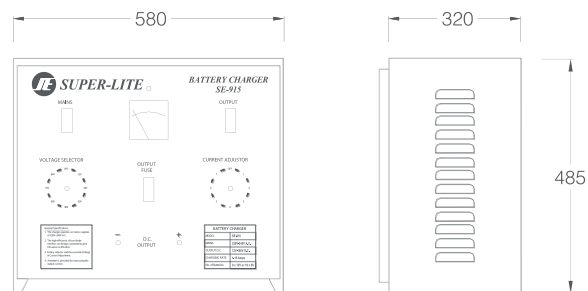
model: STM 9610 / STM 10810



model: STM 10815



model: SE 915

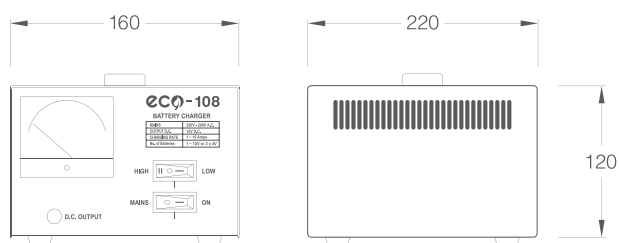


Automotive Lead Acid Battery Charger Series

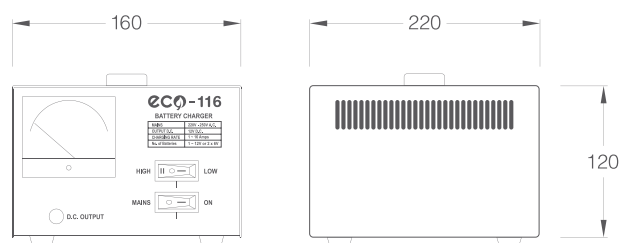


model	ECO 108	ECO 116
output	12Vdc	12Vdc
max charging current	max 8Amp (low & high select)	max 16Amp (low & high select)
safety protection	input fuse 2Amp, output auto fuse 7.5Amp	input fuse 2Amp, output auto fuse 15Amp
dimension (h x w x d)	(120 x 160 x 220) mm	(120 x 160 x 220) mm
weight	3.5kg	4.8kg

model: ECO 108



model: ECO 116

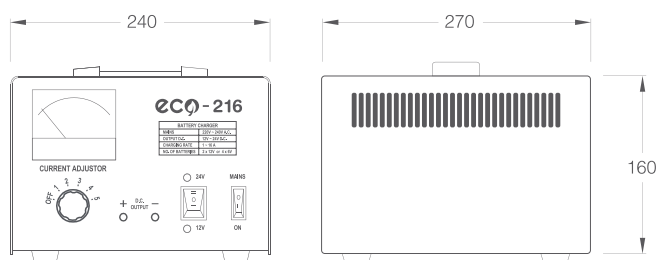


Automotive Lead Acid Battery Charger Series

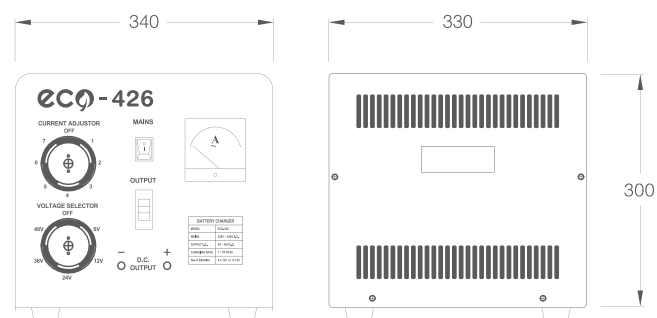


model	ECO 216	ECO 426
output	12Vdc	6Vdc ~ 48Vdc
max charging current	max 16Amp (selectable)	max 26Amp (selectable)
safety protection	input fuse 3Amp, output MCB 16Amp	input fuse 8Amp, output MCB 25Amp
dimension (h x w x d)	(160 x 240 x 270) mm	(300 x 340 x 330) mm
weight	9.7kg	22.5kg

model: ECO 216



model: ECO 426





introduction

SUPER-LITE™ Battery Charger/Engine Starter offers a range of features, including variable charge rates and a powerful boost function. It is designed for battery charging while keeping vehicles ready for operation.

- Operate as a slow charger, fast charger and booster
- Equipped with a timer for fast charging and automatic stop
- Selectable battery voltage control (12V & 24V)
- Input and output circuit breaker protection
- Adjustable charging current control
- Fitted with rubber wheels and a handle for easy mobility
- Built-in MCB for protection against overload and polarity inversion
- Durable design with minimal maintenance

Battery Charger / Engine Starter

SUPER-LITE™



STM 2460

technical specification

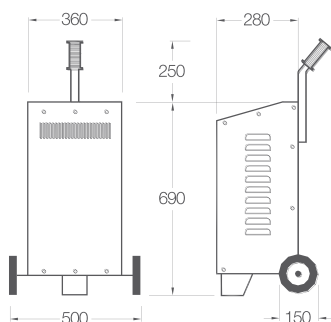
model: STM 2460

input voltage	220Vac - 240Vac 1 phase 50Hz
cranking power	350Amp
charging voltage	12Vdc - 24Vdc
charging current	1 - 60Amp (adjustable)
output	12V start - 4.2KW 24V start - 8.4W
weight	51.5kg

- a mobile starter/charger designed for garage and fleet use
- operator with a modern-style metal casing
- operate as a slow charger, fast charger and booster
- equipped with a timer for fast charging and auto stop function
- selectable battery voltage range control (12V & 24V)
- input and output circuit breaker protection
- variable and adjustable charging current control
- fitted with rubber wheels and a handle for easy mobility
- build-in MCB for overload and polarity protection

dimensions

model: STM 2460



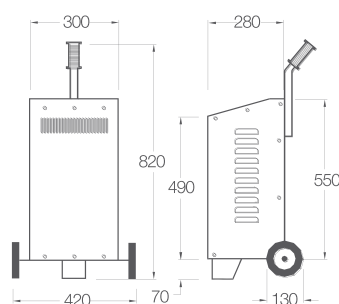
SMART 450

model: SMART 450

input voltage	220Vac - 240Vac 1 phase 50Hz
cranking power	450Amp
charging voltage	12Vdc - 24Vdc
charging current	1 - 60Amp (selectable)
output	12V start - 5.4KW 24V start - 10.8W
weight	38kg

- a mobile starter/charger designed for garage and fleet use
- operator with a modern-style metal casing
- operate as a slow charger, fast charger and booster
- selectable battery voltage range control (12V & 24V)
- input circuit breaker protection
- selectable charging current control
- fitted with rubber wheels and a handle for easy mobility

model: SMART 450





A fully automated **SUPER-LITE™** Constant Current Battery Charger designed for charging high volumes of unformed lead-acid batteries. The charging current can be easily adjusted to provide the most suitable charging conditions.

Due to its unique design, batteries with different voltages can be charged by connecting them in series, without exceeding the charger's rated maximum DC voltage. To increase the number of batteries per charge, parallel group of batteries are also supported. A built-in timer allows presetting of charging duration, with automatic shutdown once the set time is reached. It is suitable for manufacturing industries and workshops.

Constant Current Battery Charger

SUPER-LITE™



STM 15015

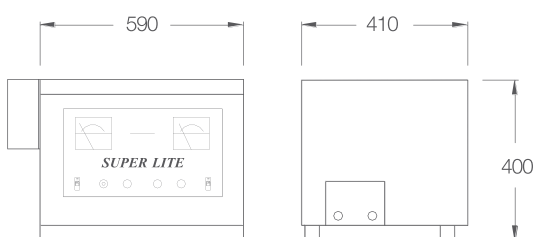
technical specification

model: STM 15015

input voltage	220Vac - 240Vac 1 phase 50Hz
output voltage	150Vdc
charging current	max 0 - 15Amp (adjustable)
safety protection	input MCB 20Amp output MCB 20Amp
time setting	0 - 99hrs
current & voltage display	analog DCA & DCV panel meters
enclosure finishing	epoxy powder coated
dimension (h x w x d) mm	(400 x 590 x 410)
weight	77.0kg

dimensions

model: STM 15015



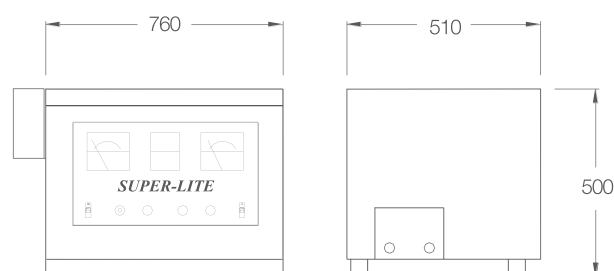
STM 15030

technical specification

model: STM 15030

input voltage	220Vac - 240Vac 1 phase 50Hz
output voltage	150Vdc
charging current	max 0 - 30Amp (adjustable)
safety protection	input MCB 40Amp output MCB 40Amp
time setting	0 - 99hrs
current & voltage display	analog DCA & DCV panel meters
enclosure finishing	epoxy powder coated
dimension (h x w x d) mm	(500 x 760 x 510)
weight	134.0kg

model: STM 15030



Automatic Traction Battery Charger Series

SUPER-LITE™



SUPER-LITE™ Automatic Traction Battery Charger is specifically designed for charging electric truck batteries and compatible with various battery brands used in electric trucks. Battery condition and reliability are critical to ensure smooth operation of electric trucks. The advanced design of the Automatic Traction Battery Charger ensures batteries are fully recharged.

Automatic Traction Battery Charger Series

SUPER-LITE™



S-Series

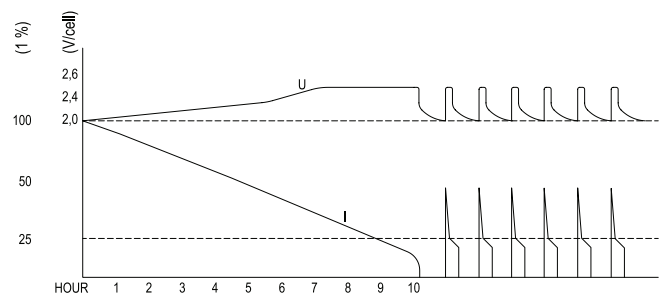
technical specification

main supply	single-phase 240V
frequency	50/60Hz
DC output voltage	12V, 24V, 36V and 48V
DC output current	10A up to 60A
indicators	power on, 80% charged, 100% charged, equalisation and safety timer
protection	input MCB and output HRC fuse
overload protection	current limiting
operating temperature	0 to 40°C
enclosure finishing	mild steel coated with epoxy

SUPER-LITE™ Automatic Traction Battery Charger delivers a reliable performance to electric truck battery charging. It is fully automatic and available with a single-phase input.

features

- fully automatic two-step charging
- Thyristor controlled rectification
- protected by a 13 hours safety timer
- WOWa charging mode
- equalisation cycle



features

- **u** - charging voltage curve
- **I** - charging current curve
- **t** - charging time

Automatic Traction Battery Charger Series

SUPER-LITE™

S-Series

technical specification

model	type	AC input	battery capacity	charging time
RC 1210-S	12V / 10A	1 Ø 240V @ 50Hz	50 ~ 65 Ah	9 - 12hrs
RC 1215-S	12V / 15A	1 Ø 240V @ 50Hz	65 ~ 95 Ah	9 - 12hrs
RC 1220-S	12V / 20A	1 Ø 240V @ 50Hz	95 ~ 125 Ah	9 - 12hrs
RC 1225-S	12V / 25A	1 Ø 240V @ 50Hz	125 ~ 155 Ah	9 - 12hrs
RC 1230-S	12V / 30A	1 Ø 240V @ 50Hz	155 ~ 190 Ah	9 - 12hrs
RC 1240-S	12V / 40A	1 Ø 240V @ 50Hz	190 ~ 250 Ah	9 - 12hrs
RC 1250-S	12V / 50A	1 Ø 240V @ 50Hz	250 ~ 315 Ah	9 - 12hrs
RC 1260-S	12V / 60A	1 Ø 240V @ 50Hz	315 ~ 375 Ah	9 - 12hrs
RC 2410-S	24V / 10A	1 Ø 240V @ 50Hz	50 ~ 65 Ah	9 - 12hrs
RC 2415-S	24V / 15A	1 Ø 240V @ 50Hz	65 ~ 95 Ah	9 - 12hrs
RC 2420-S	24V / 20A	1 Ø 240V @ 50Hz	95 ~ 125 Ah	9 - 12hrs
RC 2425-S	24V / 25A	1 Ø 240V @ 50Hz	125 ~ 155 Ah	9 - 12hrs
RC 2430-S	24V / 30A	1 Ø 240V @ 50Hz	155 ~ 190 Ah	9 - 12hrs
RC 2440-S	24V / 40A	1 Ø 240V @ 50Hz	190 ~ 250 Ah	9 - 12hrs
RC 2450-S	24V / 50A	1 Ø 240V @ 50Hz	250 ~ 315 Ah	9 - 12hrs
RC 2460-S	24V / 60A	1 Ø 240V @ 50Hz	315 ~ 375 Ah	9 - 12hrs
RC 3630-S	36V / 30A	1 Ø 240V @ 50Hz	155 ~ 190 Ah	9 - 12hrs
RC 3640-S	36V / 40A	1 Ø 240V @ 50Hz	190 ~ 250 Ah	9 - 12hrs
RC 3650-S	36V / 50A	1 Ø 240V @ 50Hz	250 ~ 315 Ah	9 - 12hrs
RC 3660-S	36V / 60A	1 Ø 240V @ 50Hz	315 ~ 375 Ah	9 - 12hrs
RC 4830-S	48V / 30A	1 Ø 240V @ 50Hz	155 ~ 190 Ah	9 - 12hrs
RC 4840-S	48V / 40A	1 Ø 240V @ 50Hz	190 ~ 250 Ah	9 - 12hrs
RC 4850-S	48V / 50A	1 Ø 240V @ 50Hz	250 ~ 315 Ah	9 - 12hrs
RC 4860-S	48V / 60A	1 Ø 240V @ 50Hz	315 ~ 375 Ah	9 - 12hrs

note: other capacity is available upon request.

Automatic Traction Battery Charger Series

SUPER-LITE™



T-Series

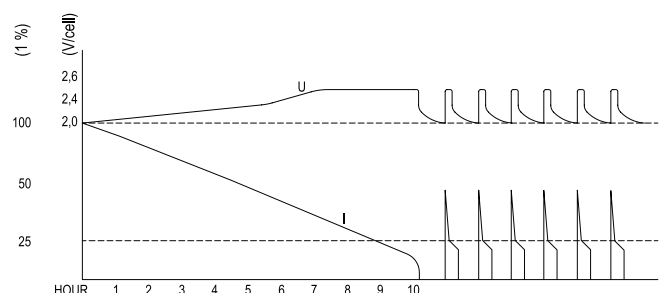
technical specification

main supply	three-phase 415V
frequency	50/60Hz
DC output voltage	12V, 24V, 36V, 48V, 72V and 80V
DC output current	30A up to 220A
indicators	power on, 80% charged, 100% charged, equalisation and safety timer
protection	input MCB and output HRC fuse
overload protection	current limiting
operating temperature	0 to 40°C
enclosure finishing	mild steel coated with epoxy

SUPER-LITE™ Automatic Traction Battery Charger delivers reliable performance in electric truck battery charging, featuring a durable design. It is fully automatic and available with a single-phase input.

features

- fully automatic two-step charging
- Thyristor controlled rectification
- protected by a 13 hours safety timer
- WOWa charging mode
- equalisation cycle



features

- **u** - charging voltage curve
- **I** - charging current curve
- **t** - charging time

Automatic Traction Battery Charger Series

SUPER-LITE™

T-Series

technical specification

model	type	AC input	battery capacity	charging time
RC 2440-T	24V / 40A	3 Ø 415V @ 50Hz	185 ~ 250 Ah	9 - 12hrs
RC 2460-T	24V / 60A	3 Ø 415V @ 50Hz	250 ~ 375 Ah	9 - 12hrs
RC 2480-T	24V / 80A	3 Ø 415V @ 50Hz	375 ~ 500 Ah	9 - 12hrs
RC 24100-T	24V / 100A	3 Ø 415V @ 50Hz	500 ~ 625 Ah	9 - 12hrs
RC 24120-T	24V / 120A	3 Ø 415V @ 50Hz	625 ~ 750 Ah	9 - 12hrs
RC 24140-T	24V / 140A	3 Ø 415V @ 50Hz	750 ~ 875 Ah	9 - 12hrs
RC 24160-T	24V / 160A	3 Ø 415V @ 50Hz	875 ~ 1000 Ah	9 - 12hrs
RC 24180-T	24V / 180A	3 Ø 415V @ 50Hz	1000 ~ 1125 Ah	9 - 12hrs
RC 3650-T	36V / 50A	3 Ø 415V @ 50Hz	180 ~ 250 Ah	9 - 12hrs
RC 3660-T	36V / 60A	3 Ø 415V @ 50Hz	250 ~ 375 Ah	9 - 12hrs
RC 3680-T	36V / 80A	3 Ø 415V @ 50Hz	375 ~ 500 Ah	9 - 12hrs
RC 36100-T	36V / 100A	3 Ø 415V @ 50Hz	500 ~ 625 Ah	9 - 12hrs
RC 36120-T	36V / 120A	3 Ø 415V @ 50Hz	625 ~ 750 Ah	9 - 12hrs
RC 36140-T	36V / 140A	3 Ø 415V @ 50Hz	750 ~ 875 Ah	9 - 12hrs
RC 36160-T	36V / 160A	3 Ø 415V @ 50Hz	875 ~ 1000 Ah	9 - 12hrs
RC 36180-T	36V / 180A	3 Ø 415V @ 50Hz	1000 ~ 1125 Ah	9 - 12hrs
RC 36200-T	36V / 200A	3 Ø 415V @ 50Hz	1125 ~ 1200 Ah	9 - 12hrs
RC 36220-T	36V / 220A	3 Ø 415V @ 50Hz	1200 ~ 1320 Ah	9 - 12hrs
RC 4840-T	48V / 40A	3 Ø 415V @ 50Hz	170 ~ 250 Ah	9 - 12hrs
RC 4860-T	48V / 60A	3 Ø 415V @ 50Hz	250 ~ 375 Ah	9 - 12hrs
RC 4880-T	48V / 80A	3 Ø 415V @ 50Hz	375 ~ 500 Ah	9 - 12hrs
RC 48100-T	48V / 100A	3 Ø 415V @ 50Hz	500 ~ 625 Ah	9 - 12hrs
RC 48120-T	48V / 120A	3 Ø 415V @ 50Hz	625 ~ 750 Ah	9 - 12hrs
RC 48140-T	48V / 140A	3 Ø 415V @ 50Hz	750 ~ 875 Ah	9 - 12hrs
RC 48160-T	48V / 160A	3 Ø 415V @ 50Hz	875 ~ 1000 Ah	9 - 12hrs
RC 48180-T	48V / 180A	3 Ø 415V @ 50Hz	1000 ~ 1125 Ah	9 - 12hrs
RC 48200-T	48V / 200A	3 Ø 415V @ 50Hz	1125 ~ 1200 Ah	9 - 12hrs
RC 48220-T	48V / 220A	3 Ø 415V @ 50Hz	1200 ~ 1320 Ah	9 - 12hrs
RC7260-T	72V / 60A	3 Ø 415V @ 50Hz	250 ~ 375 Ah	9 - 12hrs
RC7280-T	72V / 80A	3 Ø 415V @ 50Hz	375 ~ 500 Ah	9 - 12hrs
RC72100-T	72V / 100A	3 Ø 415V @ 50Hz	500 ~ 625 Ah	9 - 12hrs
RC72120-T	72V / 120A	3 Ø 415V @ 50Hz	625 ~ 750 Ah	9 - 12hrs
RC72140-T	72V / 140A	3 Ø 415V @ 50Hz	750 ~ 875 Ah	9 - 12hrs
RC72160-T	72V / 160A	3 Ø 415V @ 50Hz	875 ~ 1000 Ah	9 - 12hrs
RC72180-T	72V / 180A	3 Ø 415V @ 50Hz	1000 ~ 1125 Ah	9 - 12hrs
RC72200-T	72V / 200A	3 Ø 415V @ 50Hz	1125 ~ 1200 Ah	9 - 12hrs
RC8060-T	80V / 60A	3 Ø 415V @ 50Hz	250 ~ 375 Ah	9 - 12hrs
RC8080-T	80V / 80A	3 Ø 415V @ 50Hz	375 ~ 500 Ah	9 - 12hrs
RC80100-T	80V / 100A	3 Ø 415V @ 50Hz	500 ~ 625 Ah	9 - 12hrs
RC80120-T	80V / 120A	3 Ø 415V @ 50Hz	625 ~ 750 Ah	9 - 12hrs
RC80140-T	80V / 140A	3 Ø 415V @ 50Hz	750 ~ 875 Ah	9 - 12hrs
RC80160-T	80V / 160A	3 Ø 415V @ 50Hz	875 ~ 1000 Ah	9 - 12hrs

note: other capacity is available upon request.

GC Series Golf Car Battery Charger

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SUPER-LITE™ The GC Series Golf Car Battery Charger is a portable lead-acid charger designed specifically for charging golf car deep-cycle batteries. This charger allows you to operate without worrying whether the battery is fully charged, thanks to the fully automated charging system incorporated within it. The input cable is fitted with a 3-pin 13A plug, which can be connected to any wall-mounted 13A socket and the output cable is fitted with a battery connector.

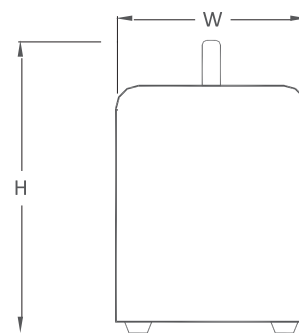
Electronic monitoring of the charging condition tracks the actual status during charging and is indicated by bright LEDs located on the front panel.

features

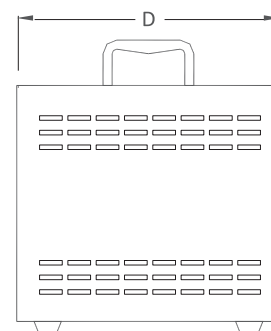
rated supply voltage	240V 50Hz
battery type	lead acid battery
charging voltage	24Vdc, 36Vdc and 48Vdc
charging current	17A max
charging type	fully automatic charging
LED indicators	charger on, charging, 50% charged, 80% charged & fully charged
safety feature	MCB over current protection
cubical construction	aluminium casing

technical specification

model	charging voltage (Vdc)	charging rate	dimension (mm) (h x w x d)
GC 2417	24V	17A	310 x 210 x 290
GC 3617	36V	17A	310 x 210 x 290
GC 4817	48V	17A	310 x 210 x 290



Front View



Side View

Sealed Lead Acid Battery Charger Series

SUPER-LITE™



SUPER-LITE™ The SLA Series Battery Charger is a portable charger designed for charging sealed lead-acid batteries. It is incorporated with a fully automated charging system and the actual charging condition is indicated by an ammeter located on the front panel. The features are easy to operate.

features

input rated voltage	220Vac ~ 240Vac 1Φ 50Hz
battery type	sealed lead acid battery / lead acid battery
charging voltage	12Vdc / 24Vdc
charging current	5A, 10A & 15A
charging type	fully automatic charging

technical specification

model	SLA 1205	SLA 1210	SLA 1215	SLA 2405	SLA 2410	SLA 2415
battery voltage	12V	12V	12V	24V	24V	24V
charging rate	5A	10A	15A	5A	10A	15A

Standby Automatic Battery Charger Series

SUPER-LITE™



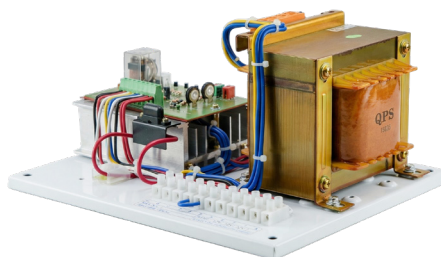
The ***SUPER-LITE™*** Standby Automatic Battery Charger Series is used in switchboards for charging generator batteries. The battery condition is automatically maintained at full charge by the charger at all times, ensuring readiness for starting the generator when required. The Standby Automatic Battery Charger is also suitable for charging batteries used for standby applications only.

SS & ES Series Standby Automatic Battery Charger

SUPER-LITE™

features

- electronic current limiting
- incorporated with rectifier fail relay
- boost charging facility
- auxiliary trickle charging facility
- nickel cadmium / lead acid battery selection
- maximum charging current is limited to 5A, 10A, 15A and 20A respectively
- metal base plate fabricated from heavy gauge steel with epoxy finishing
- designed for vertical mounting to obtain good conventional cooling
- suitable for standby generator set battery charging



SS-Series



ES-Series

technical specification

model SS-Series	supply voltage	output voltage	charging current (A)	fuse rating (A)	dimension (mm) (h x w x d)	weight (kg)
SABC-SS-1205	240Vac	DC 12V	5A	7.5A	115 x 245 x 310	4.3
SABC-SS-1210	240Vac	DC 12V	10A	15A	130 x 245 x 310	6.5
SABC-SS-1215	240Vac	DC 12V	15A	20A	165 x 245 x 360	8.9
SABC-SS-1220	240Vac	DC 12V	20A	32A	165 x 245 x 360	10.5
SABC-SS-2405	240Vac	DC 24V	5A	7.5A	115 x 245 x 310	5.5
SABC-SS-2410	240Vac	DC 24V	10A	15A	145 x 245 x 310	8.8
SABC-SS-2415	240Vac	DC 24V	15A	20A	185 x 245 x 360	12.0
SABC-SS-2420	240Vac	DC 24V	20A	32A	185 x 245 x 360	13.6

rated supply voltage

- 240V +/- 10% 50Hz

boost charge voltage for 12/24v batteries

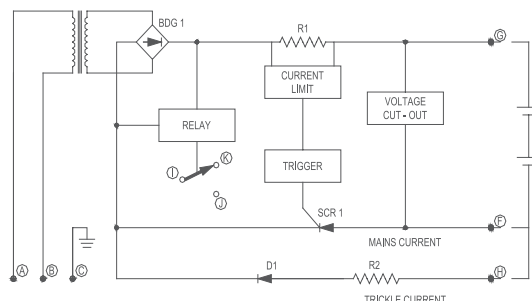
- nickel cadmium battery
- 15 – 15.5Vdc / 30 – 31Vdc
- lead acid battery
- 14.5 – 15Vdc / 29 – 30Vdc

float charge voltage for 12/24v batteries

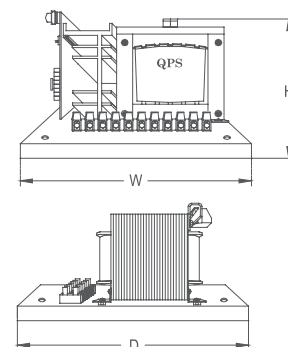
- nickel cadmium battery
- 14.25Vdc / 28.5Vdc
- lead acid battery
- 13.75Vdc / 27.5Vdc

model ES-Series	supply voltage	output voltage	charging current (A)	fuse rating (A)	dimension (mm) (h x w x d)	weight (kg)
SABC-ES-1205	240Vac	DC 12V	5A	7.5A	135 x 210 x 210	3.6
SABC-ES-1210	240Vac	DC 12V	10A	15A	135 x 210 x 210	5.5
SABC-ES-2405	240Vac	DC 24V	5A	7.5A	135 x 210 x 210	4.9
SABC-ES-2410	240Vac	DC 24V	10A	15A	150 x 205 x 205	7.8

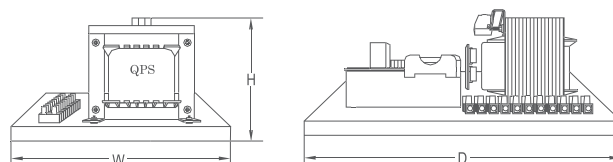
circuit diagram (SS-Series / ES-Series)



dimension (ES-Series)



dimension (SS-Series)



CS & VS Series Standby Automatic Battery Charger

SUPER-LITE™

features

- electronic current limiting
- incorporated with rectifier fail relay
- boost charging facility
- auxiliary trickle charging facility
- nickel cadmium / lead acid battery selection
- maximum charging current is limited to 5A and 10A respectively
- metal bracket fabricated from heavy gauge steel with epoxy finishing
- designed for vertical mounting to obtain good conventional cooling
- suitable for standby generator set battery charging



CS-Series



VS-Series

technical specification

model CS-Series	supply voltage	output voltage	charging current (A)	fuse rating (A)	dimension (mm) (h x w x d)	weight (kg)
SABC-CS-1205	240Vac	DC 12V	5A	7.5A	170 x 140 x 135	5.3
SABC-CS-1210	240Vac	DC 12V	10A	15A	185 x 140 x 135	6.0
SABC-CS-2405	240Vac	DC 24V	5A	7.5A	185 x 140 x 135	5.7
SABC-CS-2410	240Vac	DC 24V	10A	15A	215 x 140 x 135	8.7

model VS-Series	supply voltage	output voltage	charging current (A)	fuse rating (A)	dimension (mm) (h x w x d)	weight (kg)
SABC-VS-1205	240Vac	DC 12V	5A	10A	138 x 98 x 103	3.0
SABC-VS-2405	240Vac	DC 24V	5A	10A	138 x 98 x 120	4.0

rated supply voltage

- 240V +/- 10% 50Hz

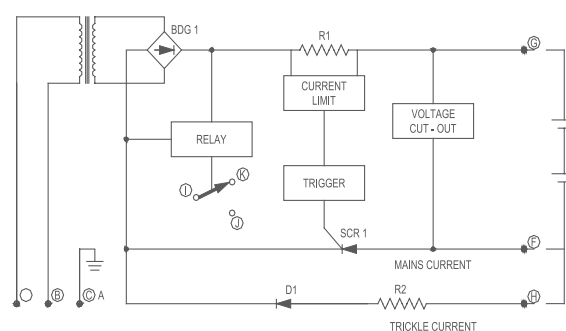
boost charge voltage for 12/24v batteries

- nickel cadmium battery
- 15 – 15.5Vdc / 30 – 31Vdc
- lead acid battery
- 14.5 – 15Vdc / 29 – 30Vdc

float charge voltage for 12/24v batteries

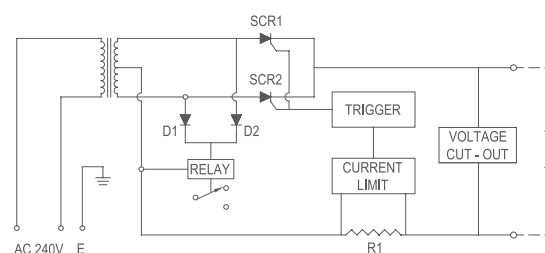
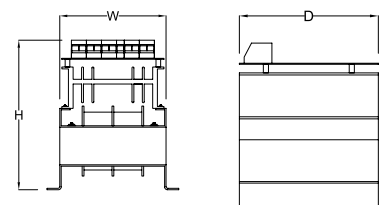
- nickel cadmium battery
- 14.25Vdc / 28.5Vdc
- lead acid battery
- 13.75Vdc / 27.5Vdc

circuit diagram



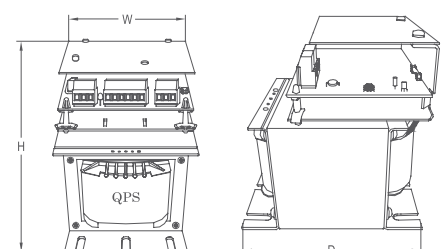
CS-Series

dimension (CS-Series)



VS-Series

dimension (VS-Series)



features

- 12V battery for vehicles maintenance
- auto charger
- plug directly into a 12V car cigarette lighter socket
- robust metal enclosure

design features

- easy to operate
- light and portable

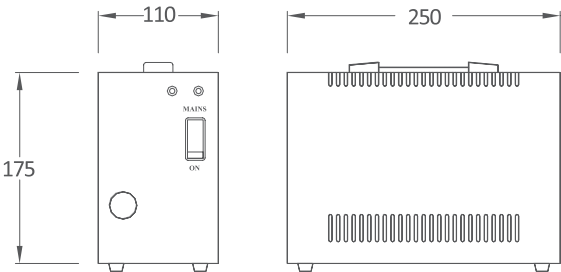


In modern vehicles, a growing amount of data is stored within onboard electronic systems, maintained by the vehicle's 12V battery. Data is lost when the battery is disconnected. To prevent loss, a backup battery bank is required before disconnecting the battery. The *SUPER-LITE™* 12V DC Battery Bank is specifically designed to solve this problem.

technical specification

model	12Vdc Battery Bank
supply voltage	240Vac
output voltage	12Vdc
frequency	50/60 Hz
safety features	fast blow glass fuse
enclosures finishing	epoxy powder coated
dimensions (h x w x d)	(175 x 110 x 250) mm
weight	5.0kg

dimension



Battery Tester

SUPER-LITE™



BT 101



BT 202



DC 12

The ***SUPER-LITE™*** 6V & 12V Battery Tester is designed for fast and accurate monitoring of battery condition. It is equipped with multiple test functions such as battery load testing, motor cranking testing and charging system testing.

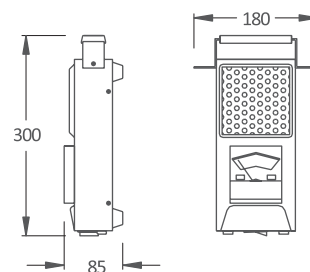
A robust design, lightweight and a large display are some of its special features, providing users with flexibility of movement and quick judgement when carrying out tests. Heavy-duty insulated battery clamps are used to ensure safe and proper operation.

features

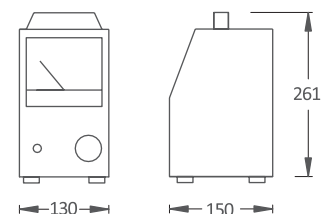
battery rating	6V and 12V batteries
checking parameters	battery load test motor cranking test charging system test
safety features	reverse polarity protection automatic overload cut-off overload alarm (optional)
battery load test duration	10 seconds (maximum)
terminal clips	200Amps high quality clips

technical specification

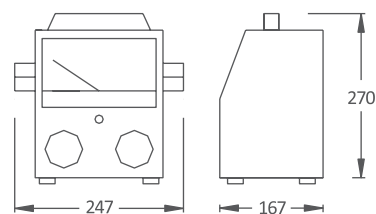
model	BT 101	DC-12	BT 202
battery capacity selection		√	√
temperature selection			√
automatic overload cut-off		√	√
battery rating (V)	6-12	12	12
motor cranking test	√	√	√
dimensions (h x w x d)	180 x 85 x 300	130 x 150 x 261	247 x 167 x 270
weight (kg)	2.0	3.5	4.0



BT 101



DC-12



BT 202