XSTRONG POWER

FORGET THE PUMP

PLUG INTO THE FUTURE

www.xstrongpower.com

@xstrongpower @xstrongpowerr @xstrongpower

Revolutionizing and Enhancing Intelligent Transportation Solutions.

Welcome to Xstrong Power, a pioneering force in the world of electric vehicle charging solutions. Based in the heart of Delhi, our company is dedicated to driving the transition towards sustainable transportation by manufacturing cutting-edge chargers for electric scooters and e-rickshaws. At Xstrong Power, we recognize the critical role that electric vehicles play in reducing pollution and promoting a greener planet, and we are proud to contribute to this movement.

Our journey began with a vision: to create innovative and efficient charging solutions that meet the needs of a rapidly evolving market. With a team of experienced engineers and industry experts, we have developed a range of high-quality chargers designed to deliver reliable performance for electric scooters and e-rickshaws alike. Our products are not just chargers; they are a testament to our commitment to quality, safety, and sustainability.

What sets Xstrong Power apart is our relentless pursuit of excellence. We understand that every electric vehicle requires a dependable charging solution, and we have invested in state-of-the-art technology to ensure that our chargers provide a fast, efficient, and user-friendly experience. Each product is meticulously designed and rigorously tested, ensuring that it meets the highest standards of performance and durability.

XSTRONG POWER

Why Choose Xstrong Power?

E-RICKSHAW CHARGERS

EV-SCOOTY & BIKE CHARGERS

EV-SCOOTY & BIKE FAST CHARGERS

- Enhance Property Value
- Embrace a Greener Future
- Meet Sustainability Goals
- Boost Brand Value
- Comply with Government Standards
- Analyze the Competition

XSTRONG POWER

Xstrong Power
Easy Compatible Chargers

EV Scooty

EV Bike

E-Rickshaw

All-EV-Friendly Charging Solutions

EV - Scooty & Bike Smart Chargers

At Xstrong Power, we are committed to revolutionizing the way you charge your electric e-scooter. Our cutting-edge charging solutions are designed to provide fast, efficient, and reliable power, ensuring you spend less time plugged in and more time on the road. With a focus on sustainability and innovation, Xstrong Power combines advanced technology with user-friendly designs, making charging convenient and hassle-free

E-Rickshaw Chargers

Xstrong Power is dedicated to transforming the e-rickshaw landscape with our innovative charging solutions. Designed for efficiency and speed, our chargers ensure your e-rickshaw is always ready to hit the road. We prioritize reliability and sustainability, making it easier for operators to provide eco-friendly transport. With user-friendly technology and a commitment to excellence, Xstrong Power empowers your fleet to perform at its best.

EV - Scooty & Bike Fast Chargers

Xstrong Power is at the forefront of electric vehicle charging with our advanced fast chargers, designed to deliver rapid, efficient power for all EV models. Our innovative technology reduces downtime, ensuring that you can recharge your vehicle quickly and get back on the road. Committed to sustainability and reliability, Xstrong Power provides solutions that meet the demands of modern electric mobility.

EV - Scooty & Bike

XSTRONG POWER

SMART CHARGERS 48V 7A

The XSTRONG POWER Manufactures innovative products for E-Vehicle Domain. Battery Chargers, Battery Dischargers and continues to add to this list.This EV CHARGER is high frequency CV,CC, CW (Constant VoltageConstant Current and Constant Watts) Charger with exclusive feature of sharp knee point charging.This is a Microcontroller Based Charger which includes features likeSoft charging, UV AI, Surface charging, AH based LED indication etc.The Input and Output connections are available through cable.

EV - SCOOTY & BIKE SMART CHARGERS SPECIFICATIONS FOR LITHIUM ION BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	2.5A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 1%	Less Power Consumption
4.	Output Voltage	54.6V ± 0.2V	Lithium ion Battery
		58.4V ± 0.2V	
5.	Output Current	7A ± 0.2A	Suitable for Lithium ion Batteries
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
10.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
11.	LED Indications	Battery full charged	Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	0 to 25% Red LED Blinks and after completion will glow solid.
			26% to 50% Yellow LED Blinks and after completion will glow solid.
			51% to 75% Yellow LED Blinks and after completion will glow solid.
			76% to 100% Green LED Blinks and after completion will glow solid.
		Fuse Blown RED LED	Fuse Blown Red LED will on.
		System on RED LED	When charger connect with AC System Red LED will on.
12.	Battery Reverse Protection	Charging will show off	Battery operated charger.
13.	Input Connections	1.5mtr main cord	5A 3 pin top
14.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
15.	Cooling	DC Fan	Inlet DC fan for fast cooling
16.	Weight	1.4 Kg	Light weight, Easy to handle
17.	Enclosure	Aluminum	Aluminum body
18.	Dimensions	150L x 150W x 80H (mm)	Compact Size

EV - Scooty & Bike

XSTRONG POWER

SMART CHARGERS 60V 6A

The XSTRONG POWER Manufactures innovative products for E-Vehicle Domain. Battery Chargers, Battery Dischargers and continues to add to this list.This EV CHARGER is high frequency CV,CC, CW (Constant VoltageConstant Current and Constant Watts) Charger with exclusive feature of sharp knee point charging.This is a Microcontroller Based Charger which includes features likeSoft charging, UV AI, Surface charging, AH based LED indication etc.The Input and Output connections are available through cable.

EV- SCOOTY & BIKE SMART CHARGERS SPECIFICATIONS FOR LITHIUM ION & LIFEPO4 BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	2.5A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 1%	Less Power Consumption
4.	Output Voltage	67.2V ± 0.2V	Lithium ion Battery
		69.3V ± 0.2V	LiFePO4
		71.2V ± 0.2V	Lithium ion Battery
		73V ± 0.2V	Lithium ion Battery
5.	Output Current	6A ± 0.2A	Suitable for Lithium ion Batteries
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
10.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
11.	LED Indications	Battery full charged	Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	0 to 25% Red LED Blinks and after completion will glow solid.
			26% to 50% Yellow LED Blinks and after completion will glow solid.
			51% to 75% Yellow LED Blinks and after completion will glow solid.
			76% to 100% Green LED Blinks and after completion will glow solid.
		Fuse Blown RED LED	Fuse Blown Red LED will on.
		System on RED LED	When charger connect with AC System Red LED will on.
12.	Battery Reverse Protection	Charging will show off	Battery operated charger.
13.	Input Connections	1.5mtr main cord	5A 3 pin top
14.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
15.	Cooling	DC Fan	Inlet DC fan for fast cooling
16.	Weight	1.4 Kg	Light weight, Easy to handle
17.	Enclosure	Aluminum	Aluminum body
18.	Dimensions	150L x 150W x 80H (mm)	Compact Size

EV - Scooty & Bike

XSTRONG POWER

SMART CHARGERS 72V 5A

The XSTRONG POWER Manufactures innovative products for E-Vehicle Domain. Battery Chargers, Battery Dischargers and continues to add to this list. This EV CHARGER is high frequency CV,CC, CW (Constant Voltage Constant Current and Constant Watts) Charger with exclusive feature of sharp knee point charging. This is a Microcontroller Based Charger which includes features like. Soft charging, UV Al, Surface charging, AH based LED indication etc. The Input and Output connections are available through cable.

EV- SCOOTY & BIKE SMART CHARGERS SPECIFICATIONS FOR LITHIUM ION BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	2.5A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 1%	Less Power Consumption
4.	Output Voltage	84V ± 0.2V	Lithium ion Battery
5.	Output Current	5A ± 0.2A	Suitable for Lithium ion Batteries
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
10.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
11.	LED Indications	Battery full charged	Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	0 to 25% Red LED Blinks and after completion will glow solid.
			26% to 50% Yellow LED Blinks and after completion will glow solid.
			51% to 75% Yellow LED Blinks and after completion will glow solid.
			76% to 100% Green LED Blinks and after completion will glow solid.
		Fuse Blown RED LED	Fuse Blown Red LED will on.
		System on RED LED	When charger connect with AC System Red LED will on.
12.	Battery Reverse Protection	Charging will show off	Battery operated charger.
13.	Input Connections	1.5mtr main cord	5A 3 pin top
14.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
15.	Cooling	DC Fan	Inlet DC fan for fast cooling
16.	Weight	1.4 Kg	Light weight, Easy to handle
17.	Enclosure	Aluminum	Aluminum body
18.	Dimensions	150L x 150W x 80H (mm)	Compact Size

EV - Scooty & Bike

XSTRONG POWER

FAST CHARGERS 48V 10A

The XSTRONG POWER Manufactures innovative products for E-Vehicle Domain. Battery Chargers, Battery Dischargers and continues to add to this list.This EV CHARGER is high frequency CV,CC, CW (Constant VoltageConstant Current and Constant Watts) Charger with exclusive feature of sharp knee point charging.This is a Microcontroller Based Charger which includes features likeSoft charging, UV AI, Surface charging, AH based LED indication etc.The Input and Output connections are available through cable.

EV - SCOOTY & BIKE FAST CHARGERS SPECIFICATIONS FOR LITHIUM ION & LIFEPO4 BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	2.5A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 1%	Less Power Consumption
4.	Output Voltage	54.6V ± 0.2V	Lithium ion Battery
		58.4V ± 0.2V	LiFePO4
5.	Output Current	10A ± 0.2A	Suitable for LiFePO4 & Lithium ion Battery
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
10.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
11.	LED Indications	Battery full charged	Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	0 to 25% Red LED Blinks and after completion will glow solid.
			26% to 50% Yellow LED Blinks and after completion will glow solid.
			51% to 75% Yellow LED Blinks and after completion will glow solid.
			76% to 100% Green LED Blinks and after completion will glow solid.
		Fuse Blown RED LED	Fuse Blown Red LED will on.
		System on RED LED	When charger connect with AC System Red LED will on.
12.	Battery Reverse Protection	Charging will show off	Battery operated charger.
13.	Input Connections	1.5mtr main cord	5A 3 pin top
14.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
15.	Cooling	DC Fan	Inlet DC fan for fast cooling
16.	Weight	1.7 Kg	Light weight, Easy to handle
17.	Enclosure	Metal	Metal Body
18.	Dimensions	268L x 150W x 70H (mm)	Compact Size

EV - Scooty & Bike

XSTRONG POWER

FAST CHARGERS 60V 10A

The XSTRONG POWER Manufactures innovative products for E-Vehicle Domain. Battery Chargers, Battery Dischargers and continues to add to this list.This EV CHARGER is high frequency CV,CC, CW (Constant VoltageConstant Current and Constant Watts) Charger with exclusive feature of sharp knee point charging.This is a Microcontroller Based Charger which includes features likeSoft charging, UV AI, Surface charging, AH based LED indication etc.The Input and Output connections are available through cable.

EV - SCOOTY & BIKE FAST CHARGERS SPECIFICATIONS FOR LITHIUM ION & LIFEPO4 BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	2.5A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 1%	Less Power Consumption
4.	Output Voltage	67.2V ± 0.2V	Lithium ion Battery
		69.3V ± 0.2V	LiFePO4
		71.2V ± 0.2V	Lithium ion Battery
		73V ± 0.2V	Lithium ion Battery
5.	Output Current	10A ± 0.2A	Suitable for LiFePO4 & Lithium ion
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
10.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
11.	LED Indications	Battery full charged	Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	0 to 25% Red LED Blinks and after completion will glow solid.
			26% to 50% Yellow LED Blinks and after completion will glow solid.
			51% to 75% Yellow LED Blinks and after completion will glow solid.
			76% to 100% Green LED Blinks and after completion will glow solid.
		Fuse Blown RED LED	Fuse Blown Red LED will on.
		System on RED LED	When charger connect with AC System Red LED will on.
12.	Battery Reverse Protection	Charging will show off	Battery operated charger.
13.	Input Connections	1.5mtr main cord	5A 3 pin top
14.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
15.	Cooling	DC Fan	Inlet DC fan for fast cooling
16.	Weight	1.7 Kg	Light weight, Easy to handle
17.	Enclosure	Metal	Metal Body
18.	Dimensions	268L x 150W x 70H (mm)	Compact Size

EV- Scooty & Bike

XSTRONG POWER

FAST CHARGERS 72V 10A

D Type Connector

Okinawa Chagori Connector

Anderson Connector

3 Pin Connector

Kinetic Chagori Connector

EV - SCOOTY & BIKE CHARGERS SPECIFICATIONS FOR LITHIUMION BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	2.5A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 1%	Less Power Consumption
4.	Output Voltage	84V ± 0.2V	Lithium ion Battery
5.	Output Current	10A ± 0.2A	Suitable for Lithium ion Batteries
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
10.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
11.	LED Indications	Battery full charged	Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	0 to 25% Red LED Blinks and after completion will glow solid.
			26% to 50% Yellow LED Blinks and after completion will glow solid.
			51% to 75% Yellow LED Blinks and after completion will glow solid.
			76% to 100% Green LED Blinks and after completion will glow solid.
		Fuse Blown RED LED	Fuse Blown Red LED will on.
		System on RED LED	When charger connect with AC System Red LED will on.
12.	Battery Reverse Protection	Charging will show off	Battery operated charger.
13.	Input Connections	1.5mtr main cord	5A 3 pin top
14.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
15.	Cooling	DC Fan	Inlet DC fan for fast cooling
16.	Weight	1.7 Kg	Light weight, Easy to handle
17.	Enclosure	Metal	Metal Body
18.	Dimensions	268L x 150W x 70H (mm)	Compact Size

E- RICKSHAW

XSTRONG POWER

SMART CHARGER 48V 15A

The XSTRONG POWER Manufactures innovative products for E- Vehicle Domain. Battery Chargers, Battery Dischargers and continues to add to this list. This EV CHARGER is high frequency CV,CC, CW (Constant Voltage Constant Current and Constant Watts) Charger with exclusive feature of sharp knee point charging. This is a Microcontroller Based Charger which includes features like. Soft charging, UV AI, Surface charging, AH based LED indication etc. The Input and Output connections are available through cable.

E - RICKSHAW CHARGERS SPECIFICATIONS FOR LITHIUM ION & LEAD AICD BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	6A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 2%	Less Power Consumption
4.	Output Voltage	54.6V ± 0.2V	Lithium ion Battery
		58.4V ± 0.2V	Lithium ion Battery
		64V ± 0.2V	Lead acid Battery
5.	Output Current	15A ± 0.2A	Suitable for Lead acid & Lithium ion Batteries
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Soft Start	1A to 15A	When Charging start Output current increases from 1A to 15A
10.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
11.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
12.	LED Indications	Battery full charged	100 % Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	<90% Green LED Blinks and after completion will glow solid.
			<70% Yellow LED Blinks and after completion will glow solid.
			>50% Yellow LED Blinks and after completion will glow solid.
			<40% Red LED Blinks and after completion will glow solid.
			<20% Red LED Blinks and after completion will glow solid.
		Mains High Red LED	Mains input High means above 280VAC
		Mains Ok Green LED	Mains input Fine means 180VAC to 280VAC
		Mains Low Yellow LED	Mains input low means below 180VAC
		Batt. Connected Green LED	When charger connect with Battery properly than Green LED will on.
13.	Battery Reverse Protection	Charging will show off	Battery operated charger.
14.	Input Connections	1.5mtr main cord	5A 3 pin top
15.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
16.	Cooling	DC Fan	Inlet DC fan for fast cooling
17.	Weight	1.7 Kg	Light weight, Easy to handle
18.	Enclosure	Aluminum	Aluminum body
19.	Dimensions	257L x 150W x 80H (mm)	Compact Size

E- RICKSHAW

XSTRONG POWER

SMART CHARGER 48V 20A

The XSTRONG POWER Manufactures innovative products for E- Vehicle Domain. Battery Chargers, Battery Dischargers and continues to add to this list. This EV CHARGER is high frequency CV,CC, CW (Constant Voltage Constant Current and Constant Watts) Charger with exclusive feature of sharp knee point charging. This is a Microcontroller Based Charger which includes features like. Soft charging, UV AI, Surface charging, AH based LED indication etc. The Input and Output connections are available through cable.

E - RICKSHAW CHARGERS SPECIFICATIONS FOR LITHIUM ION & LEAD AICD BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	7A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 2%	Less Power Consumption
4.	Output Voltage	54.6V ± 1%	Lithium ion Battery
		58.4V ± 1%	Lithium ion Battery
		64V ± 1%	Lead acid Battery
5.	Output Current	20A ± 0.2A	Suitable for Lead acid & Lithium ion Batteries
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Soft Start	1A to 20A	When Charging start Output current increases from 1A to 20A
10.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
11.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
12.	LED Indications	Battery full charged	100 % Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	<90% Green LED Blinks and after completion will glow solid.
			<70% Yellow LED Blinks and after completion will glow solid.
			>50% Yellow LED Blinks and after completion will glow solid.
			<40% Red LED Blinks and after completion will glow solid.
			<20% Red LED Blinks and after completion will glow solid.
		Mains High Red LED	Mains input High means above 280VAC
		Mains Ok Green LED	Mains input Fine means 180VAC to 280VAC
		Mains Low Yellow LED	Mains input low means below 180VAC
		Batt. Connected Green LED	When charger connect with Battery properly than Green LED will on.
13.	Battery Reverse Protection	Charging will show off	Battery operated charger.
14.	Input Connections	1.5mtr main cord	5A 3 pin top
15.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
16.	Cooling	DC Fan	Inlet DC fan for fast cooling
17.	Weight	1.7 Kg	Light weight, Easy to handle
18.	Enclosure	Aluminum	Aluminum body
19.	Dimensions	257L x 150W x 80H (mm)	Compact Size

E- RICKSHAW

XSTRONG POWER

SMART CHARGER 60V 15A

The XSTRONG POWER Manufactures innovative products for E- Vehicle Domain. Battery Chargers, Battery Dischargers and continues to add to this list. This EV CHARGER is high frequency CV,CC, CW (Constant Voltage Constant Current and Constant Watts) Charger with exclusive feature of sharp knee point charging. This is a Microcontroller Based Charger which includes features like. Soft charging, UV AI, Surface charging, AH based LED indication etc. The Input and Output connections are available through cable.

E - RICKSHAW CHARGERS SPECIFICATIONS FOR LITHIUM ION BATTERIES

S.NO	PARAMETERS	RANGE	REMARKS
1.	Input Voltage	Low Cut-off : 180VAC	With limited current.
		High Cut-off : 280VAC	After High cut-off, charger does not operate when High cut-in occurred and after mains comes clear than charger normal operation will start automatically.
2.	Input Current	6A ± 0.2A	Less Power Consumption
3.	Input frequency	50 Hz ± 2%	Less Power Consumption
4.	Output Voltage	67.2V ± 1%	Lithium ion Battery
		69.3V ± 1%	Lithium ion Battery
5.	Output Current	15A ± 0.2A	Suitable for Lithium ion Batteries
6.	Regulation	± 2%	Smart Battery Charging
7.	Current and Watt Control	CV,CC and CW	Constant Voltage, Constant Current and Constant Watts
8.	Efficiency	More than 90%	Low Power Consumption
9.	Soft Start	1A to 15A	When Charging start Output current increases from 1A to 15A
10.	Surface Charging	2A to 3A	After full charged, when BMS wake up, charging will start with 2 to 3A. This helps equalize charging.
11.	Charging Cutoff		Usually charger is cutoff by BMS, when BMS cutoff not occurred then charger will automatic cutoff after 10 mins when output current reduces less than 1A.
12.	LED Indications	Battery full charged	100 % Green LED will solid on.
		Battery charging indication based on AH - Green, Yellow and Red LED Blinks	<90% Green LED Blinks and after completion will glow solid.
			<70% Yellow LED Blinks and after completion will glow solid.
			>50% Yellow LED Blinks and after completion will glow solid.
			<40% Red LED Blinks and after completion will glow solid.
			<20% Red LED Blinks and after completion will glow solid.
		Mains High Red LED	Mains input High means above 280VAC
		Mains Ok Green LED	Mains input Fine means 180VAC to 280VAC
		Mains Low Yellow LED	Mains input low means below 180VAC
		Batt. Connected Green LED	When charger connect with Battery properly than Green LED will on.
13.	Battery Reverse Protection	Charging will show off	Battery operated charger.
14.	Input Connections	1.5mtr main cord	5A 3 pin top
15.	Output Connections	1.5mtr 2 core cable	Connector as per requirement
16.	Cooling	DC Fan	Inlet DC fan for fast cooling
17.	Weight	1.7 Kg	Light weight, Easy to handle
18.	Enclosure	Aluminum	Aluminum body
19.	Dimensions	257L x 150W x 80H (mm)	Compact Size

XSTRONG POWER

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