

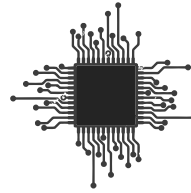
E-RICKSHAW CHARGER



FAST 15A/30A CHARGING



REVERSE BATTERY PROTECTION



MICROCONTROLLER SMPS CHARGER



INCREASED MILEAGE

- Longer Battery backups
- Surge Protection
- 80AH - 140AH Battery Supported
- 70% more Battery Life by Optimized Charging
- High-frequency PWM circuit
- Protection Against Input surge & Inrush current

- Compact, Lightweight, Portable & Shockproof
- Excellent Transient Response
- Spark Free Anderson connector
- Standard EMI/EMC Compliance
- Over Temperature Shut Down
- Force Air Cooling

E-RICKSHAW CHARGER SERIES (2019-2020)

Technical Specifications		48V/15A	48V/30A
Model		48V/15A	48V/30A
AC Input			
Input Voltage Range	160-280 VAC (230V Nominal)		
Input Freq Range	50Hz +/- 4%		
Input Current (Max)	7.0A		14.0A
Connection Type	1.5 Meter Length with 3 Core, 3Pin 16A AC Plug		
Charger			
Topology	Half Bridge		
Switching Freq	50Khz		
DC Output			
DC Output Voltage	62.5V +/- 2%		
DC Output Current	15A		30A
Peak Efficiency	90.00%		
Regulation	< 2%		
Connection Type	Anderson Connector (1.5m Length)		
Protections	Over current, Short Circuit, Over Voltage, Over Temperature, Battery Reverse, Input (Ph-Ph)		
Cooling	Fan Cooled (Temperature Controlled)		
Indications	Charging Level (25%, 50%, 75%, 100%), Charger On (Mains in Range), Battery Type, Charging Stage		
Battery Types	Lead Acid, Tubular Batteries, Li-On (80-140AH)		
Environmental			
Operating Temperature	0* to 50*C		
Storage Temperature	-10*C to 60*C		
Humidity	40*C, 95% RH		
Vibration Test	Pass		
Physical			
Dimension (LxWxH) mm	300X100X200		
Weight	4		
Enclosure	Metallic		