

2kW On Board Charger

Great flexibility for a worldwide use




Exicom's Ultima 48V/2KW is an industrial grade portable charger and suitable for Li-ion battery based E-rickshaws, E-autos and E-scooters for fast charging scenarios. It operates under all types of harsh electrical and thermal environments and gives unmatched performance. Its high conversion efficiency of over 95% saves electricity usage and makes owning of battery powered vehicles cheaper when compared to traditional chargers. Its significantly compact size, pre designed frame to mount or hang, attached AC input and DC output cables and many more features allow flexibility of usage under various scenarios.

Key features

- High efficiency of 95%
- Wide operating input voltage (90-300V) and temperature range (-45°C to 75°C)
- Highly compact and light
- Low output ripple current to increases battery life
- Smart charging algorithm (only when used with Exicom battery)
- Attached AC input cables and DC output cables
- Flexibility of usage with pre fitted frame to wall mount, hang or use it as a mobile charger

Technical Specification

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|-------------------------|---|
| Input voltage | 90-300Vac |
| AC Input Cable & Plug | Cable: 7Mt / 4Mt Straight / Spiral; Plug: 3Pin Indian Plug |
| Input Protection | Off < 90-300V AC < Off Line & Neutral Input fuses |
| Output voltage, nominal | 42V-58V |
| Maximum Output Power | 2000W above 185-300 Vac, 41.6A (max) |
| DC Output Cable & Plug | Cable: 1.5Mt; Plug: SBS75-X |
| Output Protection | Over voltage shutdown, Short circuit proof, Inrush current limiting fuse, Over-temperature shut-off |
| Efficiency | Peak 95% |
| Communication Interface | CAN Bus |
| Weight | 2.2kg |
| Operating temperature | -20 °C to +60 °C |
| Dimension w x h x d | 150 x 41.5 x 369 mm |


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