



Photon - General Specifications





| Specification | | P-3300 |
|--------------------------------|---------------------------|--|
| Functional | Battery type | Lithium ion |
| | Vehicle type | Light Electric Vehicles like two wheeler, three wheeler, buggies, small trucks etc |
| | Mounting options | Pole and Wall mounted |
| | Cooling | Fan cooled |
| | Charging profiles | CC-CV Multi CC-CV, dynamic with CAN |
| Communication and connectivity | Communication - Network | LTE (4G fallback to 2G), WiFi |
| | Communication - EV | CAN 2.0 (IS 17017-25) |
| | Communication - cloud | OCPP, MQTT compatible |
| Dimension/ weight | Dimensions | < 500x300x150 mm - Cable,gun excluded |
| | Weight | <12Kg |
| Electrical/ Performance | AC input Phase | Single |
| | AC input voltage | 170-270 VAC single phase |
| | AC input frequency | 50-60 Hz |
| | Power Factor | >0.99 |
| | Peak Efficiency | > 90% @ full load, nominal conditions |
| | AC input max current | <16A |
| | AC input power Nominal | 3300W |
| | DC output Nominal voltage | 20- 60 V Other voltages are possible up-to 120V |
| | DC output current (Rated) | 55A |
| Operation/ Environmental | Operating Temperature | -10°C to 55°C |
| | Storage Temperature | -20°C to 70°C |
| | IP ra/ting | IP65 |
| | AC cable length | Customizable |
| | DC cable length | Customizable |
| | AC connector | Indian 15A, customizable as per requirement |
| | DC connector | IEC 62196-6, IS17017-2-6, customizable as per requirement |
| Optional | Interface | HMI |
| | Fleet features | RFID |