

WELCOME

TO

PCONICS TECHNOLOGY

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Vision and Mission

PCONICS aims to be the preferred supplier of Power Electronics Devices across the Geographical markets. It serves and to achieve this status by:

1. High level of customer service.
2. On time Delivery.
3. Introduce new products to support customer needs.
4. Improve existing products through continuous process improvement.
5. Grow company revenue.

Quality Policy

Quality Policy of PCONICS

“PCONICS management is committed to provide products and services that meet or exceed customer requirements whilst providing sustained business growth in terms of profitability and return on capital employed.”

The delivery of excellent service from all areas of PCONICS is fundamental to achieving our business aims. To achieve our service goals, the quality of our products and the information we provide our customers will be continuously improved and developed.

PCONICS recognizes that quality is the responsibility of everybody within the company, and therefore, we set measurable objectives throughout the business to ensure employees are able to control and improve their performance in the tasks they fulfil.

Health and Safety Policy

Our health and safety policy, is to:

- comply, at a minimum, with all applicable legislation and continually improve our health and safety stewardship towards industry best practice.
- ensure that our employees respect the health and safety imperatives.
- ensure that our companies provide a healthy and safe workplace for our employees, and take due care of all customers and visitors at our locations.
- require all our company employees to work in a safe manner as mandated by law and industry best practice.

Company Capabilities

PCONICS has own Research and Development Set-up and specializes to convert customer need into valuable product within timeline.

PCONICS has five technical and design staff and they are dedicated to work on new products with new technologies within control time and cost line.

Product Portfolio

PCONICS has many products as given below:

1. Solar Charge Controller.
2. SMPS Power Supply.
3. LED Lighting Power Supply.
4. Battery Charger.
5. CCTV Power Supply.
6. EV Battery Charger.
7. DC to DC Converter.
8. Customized Products.

Solar Charge Controller

1. Charger Technology: PWM.
2. Solar Panel Capacity: 450W (For 12V battery), 550W (For 24V battery).
3. Solar Charging Current: 25A for 12V battery, 15A for 24V battery.
4. Grid Voltage ON: >85Vac.
5. Protection: Over PV panel, Over Temperature, High Battery Voltage, Low Battery Cut off, Low Grid Voltage.
6. Features: Battery selection, Energy Saver Mode, Energy Saver Level selection.
7. Indication: LED Type, Low Battery, High Battery, Over PV, Over Temperature, Battery Charged, Battery Charging, Grid ON.

SMPS Power Supply

1. Input Voltage: 150Vac to 300Vac, 50Hz
2. Output Power: 12W (12V/1A), 36W (12V/3A), 60W (12V/5A), 120W (12V/10A); 24W (24V/1A), 72W (24V/3A), 120W (24V/5A).
3. Efficiency: >75%.
4. Protection: Overload, Short Circuit, Over/Under Grid Voltage.



LED Lighting Power Supply

1. Input Voltage: 170Vac to 280Vac, 50Hz OR 90Vac to 300Vac, 50Hz.
2. Output Power: 30W (36V/0.834A), 60W (60V/1A), 72W (60V/1.2A), 100W (60V/1.7A).
3. Features: Tight Constant Voltage and Constant Current.
4. Protection: Overload, Short circuit, Grid Over/Under Voltage.

Battery Charger

1. Input Voltage: 100Vac to 300Vac, 50Hz.
2. Output Voltage: 14.5Vdc (Boost), 13.5Vdc (Float).
3. Output Current: 10A dc.
4. Indication Type: LED.
5. Protection: Overload, Short Circuit, Low Battery, High Battery, Surge Voltage, Surge Current.
6. Efficiency: >80%.
7. Inrush Current: 3 x Ir.



CCTV Power Supply

1. Input Voltage: 150Vac to 300Vac, 50Hz.
2. Output Voltage: 12Vdc.
3. Output Current: 4A, 8A, 16A dc.
4. Indication Type: LED.
5. Protection: Overload, Short Circuit, Surge Voltage, Surge Current.
6. Efficiency: >75%.
7. Inrush Current: 3 x I_r.

EV Battery Charger

1. Input Voltage: 150Vac to 300Vac, 50Hz.
2. Output Voltage: 58Vdc (Boost), 54Vdc (Float).
3. Output Current: 15A dc.
4. Indication Type: LED.
5. Protection: Overload, Short Circuit, High battery, Surge Voltage, Surge Current, Over Temperature.
6. Efficiency: >80%.
7. Inrush Current: 3 x I_r.

Valuable Customers

1. Stat-con.
2. Static Energy.
3. Genus Innovation.

Contact

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THANKS

TO

YOU