

Bee Bee Power Supply is latest State of the art Microprocessor based system with High Frequency IGBT-based Switch-Mode Design have been proven to work under extremely adverse environmental conditions.

This PWM of Power Supply includes the standard algorithms such as Constant Voltage (CV), Constant Current (CC) charging.

The Power Supply has a remote RS485 based LCD/keypad module that displays status information.

Product Feature

- ❖ Microprocessor based system.
- ❖ High Frequency IGBT-based Switch-Mode Design.
- ❖ IGBT based rectifier to obtain input power factor close to Unity (0.92-0.94).
- ❖ Low losses & hence high efficiency operation (> 90%).
- ❖ Very low voltage and current ripples smaller than 2%.
- ❖ Auto-restart on fault elimination.
- ❖ Capability to charge battery in constant voltage as well as constant current mode for different type of batteries.
- ❖ Modular design for easy maintenance.
- ❖ Output Voltage Regulation $\pm 0.1\%$.
- ❖ Output Current Regulation $\pm 0.5\%$.
- ❖ LCD Display.
- ❖ LED Indicators.

Information Will Display (Through 4 x 20 Character LCD Display)

- Input Supply Voltage.
- Output Current.
- Output Voltage.
- Conditions of power supply.
- Mode.
- Fault.

Protections

- Input Over Voltage Protection.
- Input Under Voltage Protection.
- Single phase protection
- Output Over Current Protection.

Output Short Circuit Protection