



ETI Smart

Demand Controller  
Solar Pump Controller  
Prepayment Controller

# Smart Servo Controller

ESC-091

## 1.0 Class Accuracy



### Description

- Micro-controller based control & metering solution for servo voltage stabilizer, 'ESC-091' Servo Controller is a total metering and control solution for servo stabilizers for wide range of input voltage and wide range of load requirement. This reduces production overheads like wiring and testing and increased production rate of the voltage stabilizers. Designed with latest micro-controller technology. The servo controller integrates multi parameters and servo AC synchronous motor controller driver.

### Key Features

- Wide range of Aux supply from 80-300 Vac (With Built in SMPS)
- Standard cutout (92 X 92) with low depth-65 mm
- Digital Multi Parameter with 7 Segment Bright display for
  - a) Input Voltage
  - b) Output Voltage
  - c) Output Current
- Fault indication by LEDs for
  - a) Over Load
  - b) Input High
  - c) Output High
  - d) Input Low
  - e) Output Low
- Manual Mode for field testing.
- Password Protection for securing mishandling by unauthorized Person.
- Scrolling option for Display.
- Easy for servicing/replacing at site.



## Technical Specification

- Enclosure : Engineering Plastic
- Dimension : 96 × 96 × 65MM
- Display : 7 Segment LED Display
- Type : Servo Controller
- Measurement : Vin, Vout, Iout
- Accuracy Class : Class 1.0
- Aux. Supply : 90-300V ac
- Relay 1 : Potential free contact with current rating of 2Amps
- Microprocessor : Microchip fronted
- Power Supply : Mono-lithium power supply

## Communications

- RS-485 port communicates as per MODBUS Protocol & can be easily configured to an Enertrak GSM/GPRS modem for seamless & live data transmission to a host website application.
- The live data can be seen at our website [www.servodekho.com](http://www.servodekho.com) with User ID & Password details.

## Connections



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