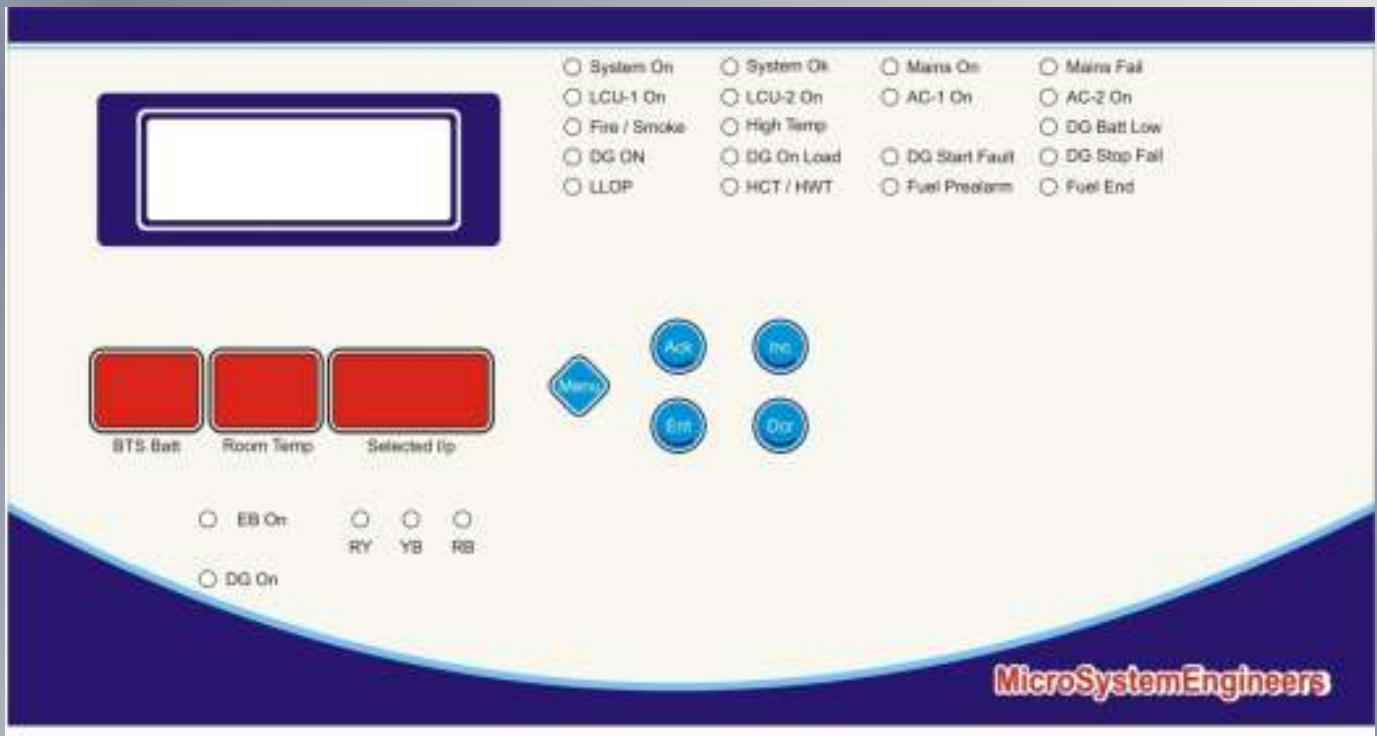


MicroSystem Engineers

Intelligent Power Management Unit



MicroSystem Engineers (MSE) is a strong pioneer involved in providing embedded solutions & high quality product/ services to the customers, employing a dedicated R&D shell for customized engineering.

MSE introduces its state-of-the-art Micro controller based Intelligent Power Management System (IPMU). It is a bunch of various intelligent equipments integrated together to make it a single unit for ease of control & maintenance. We have used static parts in IPMU instead of conventional mechanism to make it more reliable & compact.

IPMU is a complete Power Conditioning/ Monitoring & Control solution along with all required protections. It is based on latest microcontrollers which can be programmed as per customer requirement. User can monitor & control IPMU using web based wireless TCP/ IP communication. Available ratings of IPMU are 7.5kVA, 12.5kVA, 25kVA & 30 kVA

Salient Features

- ❖ Real Time operation
- ❖ Static Voltage Conditioner
- ❖ Wireless TCP/ IP communication facility for IPMU monitoring & Control
- ❖ User defined alarm information vide SMS
- ❖ Auto Mains Failure unit to Control/ Monitor/ protection of up to 3 DG's with DG battery charger
- ❖ Air Conditioner controller
- ❖ Lightning & Surge arrestors
- ❖ Phase Selector unit
- ❖ Protections like Over/ Under voltage cut-off, Phase Reversal alarm & protection etc.
- ❖ Isolation Transformer
- ❖ Fire/ Intruder protection
- ❖ User defined alarms extension vide potential free contacts
- ❖ Data logging facility up to 1600 alarms
- ❖ Time counter for DG/ Mains/ Battery operation
- ❖ Battery monitor & control with time based charging/ discharging