

ENPLANNER — AN ENERGY MANAGEMENT PRODUCT

NEED FOR AN ENERGY MANAGEMENT SOLUTION

Outbreak of Covid-19 has created severe financial strain to the domestic consumers in India due to high payment of bill amount which was caused due to increased consumption of energy since people spent more time in the house hold due to pandemic situation. Domestic consumers did not have the awareness about the billing amount they are expected to pay at the end of the billing cycle due to consumption of the excess energy they consumed.

ENPLANNER



ENPLANNER is a unique state of art product developed by M/s Avatar Renewable Pvt.Ltd in association with M/s TecceT Consultants LLP. This device helps the consumer to manage and monitor electric consumption on a real time basis during the billing period and provide data and an input to the consumers by way of existing power consumption and possible billing amount based on the existing consumption and also helps the consumer to set in threshold consumption during a billing cycle. This monitoring mechanism helps the consumer to create awareness on the amount of energy consumed and take austerity measures to reduce the billing amount.

Specifications

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|----------------------------|--|
| Measuring range | 80~260V, 0~100A +/- 0.5% |
| Active power | 0~23kW (single phase), 0~69kW (three phase), |
| Active energy | 0~99999999 kWh |
| Auto reset | Amount and kWh will be reset to zero on every billing date |
| Inter-module Isolation | Mains Power is galvanically isolated |
| Inter-module communication | Modbus protocol, 9600 Baud |
| Microprocessor | ARM 32-bit |
| Data update | <= a minute |
| Wifi | 802.11 b/g/n with external antenna |
| SD card | FAT32, Micro SD card |
| Real time clock | High precision , +/- 2 minutes/year |
| Alarm | Buzzer |
| Led | 8nos 3mm multi colored led strip |
| Power supply | 100-260 VAC, < 5 watts |
| Enclosure | Metal, approx. 1 Kg, 11.3 x 6 x 18.5 cm |

Payback period: 1 year

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