

SPOT BILLING MACHINE



Description

The Spot Billing Machine (SBM) is a Hand Held Computer, in which the program is stored along with all the relevant data, for issue of electricity bills, right at the customer premises, immediately after the meter reading is read and input to SBM.

The storage of program and data is done through a Personal Computer (Host PC), and is called pre-journey configuration for the specific meter-reader route, user-connection record including type of connection, applicable tariff, previous reading, past payments etc.

The master data pertaining to the tariff tables, type of connection, consumer profile are stored on the Host PC, and made available for uploading on to the SBM at the time of configuration

Once the pre-configuration is over the SBM is ready for field operations. The meter-reader reports at the consumer site, accesses the customers account on SBM and record the current reading. On the basis of the last reading and tariff structure, a bill would be generated instantly. Payment in non-cash mode can also be collected then and there. In such case, the receipt would also be generated.

The payment could be collected through non-cash modes. A collection report can be prepared at the end of trip. After a journey is over the transaction data files are transferred from SBM to the Host PC, over a communication cable connected to serial communication port. The SBM requires about three hours for full charging after which it can be used continuously for 7-8 hours.

Features

- The bill is immediately generated.
- The collection of dues, through non-cash instruments, is performed in the field.
- Variety of reports can be prepared
 - Utility Bill with all relevant details
 - Receipt against the Bill
 - Day end Collection report
 - Duplicate receipt

Specifications

Spot Billing Machine

- High Speed CPU
- 256 KB program memory
- 4 MB data memory
- Real Time Clock
- LCD display unit (4 rows x 20 character) with backlight
- 30 Keys soft silicon rubber Keypad
- High speed serial port / program port (115 Kbps)
- Built-in 24 column Impact printer
- Built in 2.2 AH Lithium-Ion or 1.7 AH Ni MH battery
- ABS plastic case housing
- Programmable as per user requirement
- Light weight, versatile and affordable

Accessories

- Intelligent Battery Charger
- Carrying case

Application software

- Spot Billing Machine software
- PC-end data transfer (to and from SBM) software

Note: A pre-implementation study is a pre-requisite for such projects, to identify the system requirements and user requirements. The customization can be done as per the user requirements.

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