

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

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# Secure Meters Limited

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Secure helps to ensure energy security throughout the energy supply chain. From generation to consumption, our innovative, best-in-class products and services reduce theft and help to identify the means by which to increase availability of power. In 1985 we established our headquarters in Rajasthan, India; today 99% of the electrons flowing in the Indian grid will be measured at least once by a Secure meter. We run three manufacturing plants and two R&D centres in India, where 600 engineers solve complex problems with simple and complete solutions. Energy security is a critical global issue: today we provide services and products in over 40 countries. We have a particularly strong presence in Australia, UK and N. Ireland. In partnership we also manufacture meters in Malaysia and Ghana.

## Products Description

### Saral

#### Technical Details

Saral is compact single phase direct connected 'intelligent credit' meter for domestic, small commercial metering applications including net metering. Its enhanced revenue protection features coupled with inter-operable communication protocol makes it an ideal choice for distribution companies. The meter offers an accurate and reliable metering solution for measurement of electrical energy in a single phase 2-wire network and ensures revenue assurance.

## BRAND INDIA ENGINEERING E-CATALOGUE

ITC HS Codes	903039
Certification/ Standard	IS, IEC, CE etc
Issuing Agency	National & international certification agencies
Date of Issue	01-0
Date of Expiry	31-1
End Use Sectors	Distributors (Consumers)
Product Images	



**Liberty 150**

## BRAND INDIA ENGINEERING E-CATALOGUE

### Technical Details

Liberty 150 is an intelligent single-phase prepayment energy meter that provides real-time and historical information on consumption and accounting. It supports a wide range of tariff facilities, including automatic calculation and deduction of arrears. The interactive in-home display (IHD) combines convenience with flexibility by enabling key transactions such as token transfer, without the need of directly interacting with the meter. The IHD device has an inbuilt bluetooth functionality that allows it to receive the vend token from a mobile application. This information is later communicated by the IHD to the meter using a wired connection. Liberty 150 is supported by a web-based vending system that is highly secure, flexible and easy to integrate with utility and payment service provider's systems.

ITC HS Codes

903039

Certification/ Standard

IS, IEC, CE etc

Issuing Agency

National & international certification agencies

Date of Issue

01-01-2007

Date of Expiry

31-

End Use Sectors

Pre

Product Images



## BRAND INDIA ENGINEERING E-CATALOGUE

### Apex 150

Technical Details

Apex 150, series of next generation energy meter designed for power transfer points requiring precise measurements and revenue transactions. Flexible and modular communications ensure integration with existing AMR / AMI / SCADA systems and upgrade to future SAS systems. 4 quadrant energy measurement allows monitoring of generation, transmission and bulk power transfer point.

ITC HS Codes

903039

Certification/ Standard

IS, IEC, CE etc

Issuing Agency

National & international certification agencies

Date of Issue

01-01-2007

Date of Expiry

31-

End Use Sectors

AB

Product Images



## BRAND INDIA ENGINEERING E-CATALOGUE

Technical Details

Prodigy is a genuine innovation in the field of three phase direct connected metering. It is an integrated meter with built-in current transformers, eliminating the need for external CTs and accessories. Prodigy is based on the unique concept of thread-through connections, which helps maintain overall system accuracy and revenue integrity.

ITC HS Codes

903039

Certification/ Standard

IS, IEC, CE etc

Issuing Agency

National & international certification agencies

Date of Issue

01-

Date of Expiry

31-

End Use Sectors

Dist

Product Images



**Liberty Smart Meter**

## BRAND INDIA ENGINEERING E-CATALOGUE

### Technical Details

Secure Meters has developed Liberty 100 single phase smart electricity meter to meet UK smart metering requirements. Liberty 100 has modular architecture for both WAN/HAN enabling multiple communications options to be deployed. The modules can be replaced in the field so that investment in the meter is protected even if communications technology needs to be changed during the life of the meter. The communications module acts as hub for communication to head end system and to the gas meter / In Home Display. The meter and communications hub are capable of remote firmware upgrade after installation to allow features and functionality to be changed. Liberty 100 supports both Credit and Pay As You Go (PAYG) modes of operation.

ITC HS Codes

903039

Certification/ Standard

IEC, CE, UL etc

Issuing Agency

National & international certification agencies

Date of Issue

01-0

Date of Expiry

31-1

End Use Sectors

Smart

Product Images



## BRAND INDIA ENGINEERING E-CATALOGUE

**Technical Details**

Our range of compact, configurable multiple measurand transducers designed to meet the demanding needs of supply utilities and industrial applications. It offers accurate true-RMS measurements for high efficiency and quick response time. It is equipped with up to four load-independent, galvanically-isolated analogue outputs that can be configured for desired measurands, input range and different curves.

ITC HS Codes

903039

Certification/ Standard

IS, IEC, CE etc

Issuing Agency

National & international certification agencies

Date of Issue

01-01-2007

Date of Expiry

31-12-2007

End Use Sectors

SC

Product Images



### Elite 440

**Technical Details**

Elite 440 is a multi-line three-phase digital panel meter for accurate and reliable measurement of electrical parameters (voltage, current, power, frequency, etc.) for industrial and commercial applications. It has a large multi-line backlit LCD display which enables four parameters to be displayed at the same time. Modbus communication capability allows easy integration with energy monitoring systems. Expansion modules can be fitted for enhanced system integration (pulse inputs/outputs or analogue output and ethernet).

ITC HS Codes

903039

Certification/ Standard

IS, IEC, CE, MID etc

## BRAND INDIA ENGINEERING E-CATALOGUE

Issuing Agency	National & international certification agencies
Date of Issue	01-01-2007
Date of Expiry	31-12-2017
End Use Sectors	Energy management
Product Images	



### Liberty Connect 100

Technical Details	Engineered to benefit both the consumer and the heat network operator, Liberty Connect provides usage information for community heating, and payment options for any size of district or community scheme. Liberty Connect 100 acts as a hub within the home, providing two-way communications with the heat service provider, including tamper detection. Consumers benefit from a portable multi-function in-home display, Pipit 500, allowing them to monitor and control their energy consumption and costs.
ITC HS Codes	903039
Certification/ Standard	EN, EC, EU, CE etc
Issuing Agency	National & international certification agencies



## BRAND INDIA ENGINEERING E-CATALOGUE

Date of Issue 01-01-2014  
Date of Expiry 31-12-2014  
End Use Sectors Home Appliances  
Product Images



Sectors of Interest	Generation, transmission and distribution metering and solutions in power sector.
Is OEM Supplier?	Yes
Is After Sales Service Provider?	Yes
Importance of niche products	Energy security is a critical global issue. Our innovative, best-in-class products and services reduce theft and help to identify the means by which to increase availability of power.
Potential market of niche products	Australia, United Kingdom, Northern Ireland, Malaysia, Ghana
Product Supply Record	Prepayment metering in Northern Ireland Smart metering in United Kingdom AMI project in Victoria, Australia
Patented Technologies	
Awards/Accolades	Government of India award for the best R&D in electrical sector, 1995 Queen's Award for International Business, 2006 European Smart Meter Data Management and Solutions Award, 2014 Rajasthan State Energy Conservation Award, 2015