

DELTAPRIMA

(1029412-P)

CORPORATE PROFILE

Smart Metering Solutions Provider



Introduction

Delta Prima Metering Sdn Bhd (DPMSB) was incorporated in Malaysia on 27 December 2012 as a private limited company. DPMSB is wholly owned subsidiary of Damini Corporation Sdn Bhd. Our main focus is to produce high quality products with continuous research and development to meet the current and future metering solutions.

More recently the trend in the metering industry has become very technology based with the introduction of concepts such as Remote Metering, Automated Meter Reading (AMR) and Smart Metering or Advanced Metering Infrastructure (AMI).

It is in these fields that Delta Prima Metering is focused on as a result of the strong technology based foundation that exists in the company. In-house developed systems for sustained accuracy, high quality and features that help revenue protection are the trademark of the products from DPMSB.

These enable utilities end users to minimise their commercial losses and improve energy management.Online electricity (smart metering or AMI) and prepaid metering as well as automated meter reading systems are the focus points at present.

Being in the product and service provider environment, DPMSB has gone to great lengths to ensure that the end client user satisfaction is the focal point of our business.



DELTAPRIMA

“With measurement technology in our DNA, Delta Prima Metering has steadfastly pursued solutions that provide diverse and sophisticated electric power measurement and control.”



VISION

To excel as a global and recognized solution provider in metering engineering and services.

MISSION

Poised to be the most reliable value added organization in terms of quality and effectiveness, Ultimate choice for customer and profit contributor to our shareholder

Through the evolution of our measurement technology, DELTA PRIMA provides energy solutions needed by industry

Delta Prima Metering is working to offer value-added energy solutions and chart a course as one of the **Smart Meter Solution Provider** in the region initially, with a view of becoming a global player.

We are aggressively pursuing new horizons, seeking new markets and business opportunities that are synergistic to our core competencies. Delta Prima will continue to tap on strategic alliance with key partners to deliver high value products and services.

We also intend to leverage on our international sales network to tap into cross-border business opportunities, penetrate into new markets and explore investment opportunities through acquisitions, investments, strategic alliances and/or joint ventures with suitable strategic partners. We will also explore opportunities to expand our manufacturing operations into other countries that will provide us with competitive advantages primarly in terms of servicing our customers' needs as well as other locational benefits.

Dato' Borhanuddin Bin Ramli
Executive Chairman
Delta Prima Metering Sdn Bhd

Corporate Information

Name of Company
Delta Prima Metering Sdn Bhd (1029412-P)

Date of incorporation
27 December 2012

Authorized Capital
RM 5,000,000.00

Paid-up capital
RM 4,000,000.00

Board of Directors
Dato' Borhanuddin Ramli
Lo See Yong
Zuhaila Khairi

Company Secretary
FAM& Associates (MACS 01346)

Company Auditor
Salihin Chartered Accountants (AF 1426)

Banker
Malayan Banking Berhad

Website / Email
www.deltaprima.com.my
info@deltaprima.com.my



Facilities Overview

Manufacturing Facilities



Positioning a customer-first, quality first approach as the foundation of our business, we continue to respond to the trust of our customers through a production system incorporating *state of the art* facilities, reliable technologies that anticipate next generation advances, and new proposals based on our extensive system and product knowledge.

> Quality is assured on our products as we are ISO9001:2015 certified and we are operate a laboratory under ISO/IEC 17025 accredited by Department of Standard Malaysia

CERTIFIED ISO 9001 — UKAS MANAGEMENT SYSTEMS 001

ISO 9001 : 2015 Certified

STANDARDS MALAYSIA — ACCREDITED CERTIFICATION BODY

Value 1

Administration office & factory overview

Our administration office and factory are locatedat Shah Alam, Selangor, Malaysia. Its has a land area of **1,346 sqm** with the built-up area of 406 sqm for ground floor. It has also 206 sqm of first floor and 406 sqm of the second floor.



Value 2

Accredited test lab



Ultrasonic Bonding Machine





Production Line





Certificate & Achievement

ISO 9001:2015 Certified

As a dedicated manufacturer, Delta Prima Metering is now certified with ISO 9001:2015 certification for the quality of management

Our Objectives

01 Customer satisfaction. Deliver products that consistently meet customer requirements.

02 Legal compliance, Understand how statutory and regulatory requirements impact our organization and its customers.

03 Improved risk management. Greater consistency and traceability of products and services means problems are easier to avoid and rectify.

04 Proven business credentials. Independent verification against a globally recognised industry standard speaks volumes.

Quality is assured on our products as we operate an Energy Meter Test Laboratory under /SOI/EC 17025 accredited by Department of Standard Malaysia

This laboratory produces test results that are recognized both domestically and internally.



Schedule

Issue date: 9 July 2021
Valid until: 17 October 2022

NO: SAMM 790
(Issue 2, 9 July 2021 replacement of SAMM 790 dated 2 March 2020)

Page: 1 of 1

LABORATORY LOCATION: (PERMANENT LABORATORY)
DIGITAL ELECTRIC METER TEST LABORATORY
DELTA PRIMA METERING SDN. BHD.
NO. 12A, JALAN 15/22
TIONG NAM INDUSTRIAL PARK, SEKSYEN 15
40200 SHAH ALAM
SELANGOR
MALAYSIA

FIELD OF TESTING: ELECTRICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communique dated April 2017).

SCOPE OF TESTING: ELECTRICAL

Materials / Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods / Equipment/Techniques
Single Phase Static Watt-hour Meter Class 1 and 2		Test and Measurement at: Input Voltage: 240 V to 276 V Input Current: 0.015 A to 100 A Frequency: 50 Hz
	Limit of Error Due to variation of Current 0.05 Ib ≤ I < 0.1 Ib P.F = 1 0.1 Ib ≤ I ≤ Imax P.F = 1 0.1 Ib ≤ I ≤ 0.2 Ib P.F = 0.5 Ind 0.2 Ib ≤ I ≤ Imax P.F = 0.5 Ind	MS 62053-21: 2009 Clause 8.1
	Test of No. Load Condition (Creeping Test)	MS 62053-21: 2009 Clause 8.3.2
	Starting Test 0.005 Ib P.F = 1	MS 62053-21: 2009 Clause 8.3.3
	Dial/Register Test (Meter Constant)	MS 62053-21: 2009 Clause 8.4

Signatories:

1. Mohd Hasrul Naim bin Omar
2. Nurul Iman binti Abu Kasim

SKIM AKREDITASI MAKMAL MALAYSIA (SAMM)
LABORATORY ACCREDITATION SCHEME OF MALAYSIA

Scan this QR Code or visit www.standards.gov.my/standardsmalaysia for the current scope of accreditation



Trilliant

TRILLIANT® OSDI/TCM INTEGRATION PROGRAM

CERTIFICATE OF INTEGRATION

Issued to:

Delta Prima Metering Sdn. Bhd.

No 12A, Jalan 15/22, Taman Perindustrian Tiong Nam,
Seksyen 15, 40200 Shah Alam,
Selangor, Malaysia

This is to certify that Delta Prima Metering Sdn. Bhd. meter model DDZ1513 has been tested and is hereby certified as compliant with specifications required for operation within a SecureMesh® AMI network.

Authorized Signature,
Trilliant Networks (Canada) Inc.

2021-07-30
Date of Issue (YYYY-MM-DD)

STANDARDS MALAYSIA
ACCREDITED CERTIFICATION BODY

CERTIFIED ISO 9001

UKAS MANAGEMENT SYSTEMS 001



KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN STARBAT BUMIPUTERA

DATO' MAZMMUDDIN BIN MOHAMMAD



TENAGA NASIONAL

Dengan ini disahkan bahawa

DELTA PRIMA METERING SDN BHD
NO 22 JALAN 15/26A TAMAN MAYANG JAYA
PETALING
47301 PETALING JAYA SELANGOR

telah berdaftar dengan Tenaga Nasional Berhad sebagai
Pembekal & Kontraktor Perkhidmatan
di bawah kategori yang tersenarai dalam sijil ini

BUTIR-BUTIR PENDAFTARAN



SABAH ELECTRICITY

Dengan ini disahkan bahawa

DELTAPRIMA METERING SDN BHD
NO 22 JALAN 15/26A TAMAN MAYANG JAYA
PETALING 47301 PETALING JAYA SELANGOR,
MALAYSIA

telah berdaftar dengan
SESB
(Sabah Electricity Sdn. Bhd.)
&
KKM
(Kementerian Kewangan Malaysia)

Pembekal & Kontraktor Perkhidmatan

BUTIR-BUTIR PENDAFTARAN

NO. SIJIL PENDAFTARAN : 140-09122005-0043

TEMPOH SAH LAKU : 02-06-2021 HINGGA 01-04-2024

TARAF : Bumiputera Exp: 01-04-2021

LAIN-LAIN PENDAFTARAN :

PEMILIK/ PEMILIK BERSAMA : Berhasrabba Bin Rumli (581021-10-6147)
Azhar Bin Mohammad (830401-10-6451)

SAIT MAKBUN
PENGURUS BESAR (PERKHIDMATAN)
& p/p PENGARAH CEKSAN
LEMBAGA ELECTRICITY SABAH BHD



AMI

Advance Metering Infrastructure (AMI) is end to end solution for utilities to control their energy including metering, data collection, validation and analysis.

Solution comprises:

i. Meter Data Management Software (**MDMS**)
ii. Communication infrastructure
iii. Meter device.

AMI solution is fully scalable and flexible, allowing building bi-directional metering and data collection infra structure according to customer's needs.

DPMSB is proud to be part of the team to ensure the success of the AMI Project journey

OUR PRODUCTS

SINGLE PHASE METER (AMI)

DDZ1513 is a direct connection modular design single phase AMI meter, which is used to measure electrical energy accurately for commercial and residential customers. The meter supports a variety of communication medias for remote management and reading with hot-swappable communication module such as RF/ PLC/GPRS/3G/4G/NB-IoT etc.

DDZ1513 can be utilized for prepayment (comply with STS standard) and post payment applications (selectable by utility company). The meter offers switchable multiple display mode in order to satisfy reading requirement on site. Excellent features in anti-tamper, irregularities detection and real time event to ensure utility asset protection and revenue growth.

IP54 | RF Communication to HHU | Anti-Tamper | Cost Effective | Time of Use | DLMS/COSEM



Single Phase Smart Energy Meter

METER SPECIFICATION :

IEC 62052 - 11
IEC 62053 - 21, 23
IEC 62056 - 42, 46, 47,53,61
Active CL1.0, Reactive CL2.0
Protection Class IP 54
Terminal Layout BS5685 /IEC 60529-4
Impulse 1000/imp kWH
Voltage 220V, 230V, 240V

Current 10(100)A
Frequency 50Hz
Temperature -25C - +80C
Anti Tampering

AMI Ready - RF, PLC & GPRS
Prepayment Ready

Modem Ready
LED Backlight supported

OUR PRODUCTS

THREE PHASE METER (AMI)

Three Phase Modular Smart Meter

DTZ1513 is a direct connection modular design three phase AMI meter, which is used to measure electrical energy accurately for commercial, industrial and residential customers. The meter supports a variety of communication medias for remote management and reading with hot-swappable communication module such as RF/ PLC/GPRS/3G/4G/NB-IoT etc.

DTZ1513 can be utilized for prepayment (comply with STS standard) and post payment applications (selectable by utility company). The meter offers switchable multiple display mode in order to satisfy reading requirement on site. Excellent features in anti-tamper, irregularities detection and real time event pushing to ensure utility asset protection and revenue growth.

IP54 | RF Communication to HHU | Anti-Tamper | Cost Effective | Time of Use | DLMS/COSEM



Three Phase Smart Energy Meter

METER SPECIFICATION :

IEC 62052 - 11
IEC 62053 - 21, 23
IEC 62056 - 42, 46, 47,53,61
Active CL1.0, Reactive CL2.0
Protection Class IP 54
/IEC 60529-4
Impulse 1000/imp kWH
Voltage 3*230,240/400,415V

Current 10(100)A
Frequency 50Hz
Temperature -25C - +80C
Anti Tampering

AMI Ready - RF, PLC & GPRS

Modem Ready
LED Backlight supported

Single Phase NCM Meter

D54 - SERIES 1

METER SPECIFICATION :

IEC 62052 - 11	Current 20(80)A, 10(100)A
IEC 62053 - 21	Frequency 50Hz
IEC 62059 -41	Temperature -25C ~ +80 C
Terminal Layout BS5685	Lithium Battery
Protection Class IP 54 / IEC 60529 -4	Neutral Current Measurement (NCM)
Impulse 1000/imp kWH	Anti Tampering
Voltage 220V, 230V, 240V	LED Backlighit Supported





LVCT METER

METER SPECIFICATION :

IEC 62052 - 11	Voltage 3*57.5 ~ 240V / 415V
IEC 62053 - 21, 22, 23	Current 1(5)A, 5(10)A
IEC 62056 - 42, 46, 47, 53, 61	Frequency 50Hz
IEC 62059 -41	Temperature -25C ~ +80 C
Active CL 0.5 / 0.2	TOU, Multi Tariff
Reactive CL 1.0 / 2.0	Modem Ready
Protection Class IP 54 / IEC 60529 -4	AMI Ready - RF, PLC & GPRS
Impulse 5000/imp kWH	Prepayment ready

IP54

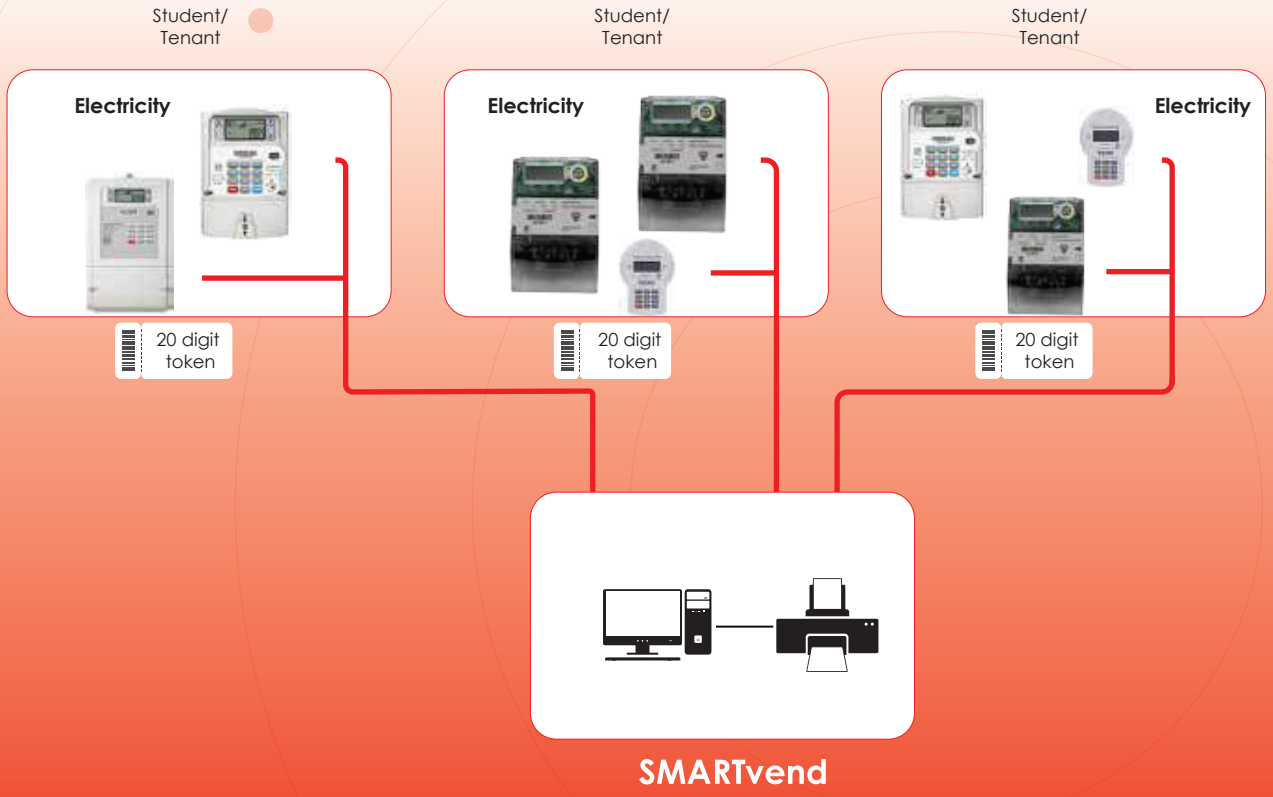
RF Communication to HHU

Anti-Tamper

Cost Effective

Time of Use

DLMS/COSEM



PREPAYMENT SYSTEM

In its simplest form refers to paying for electricity before it is used. The consumer purchases credit and then uses the resource until the credit expires. Electronic prepaid energy meters came initially with keypad systems for inputting the credit.

Functionality :

- Good Cash Flow, NO BAD DEBT
- Full Control, Built In Features for Easy Collection
- No Meter Reading and Billing to be taken
- No Disconnection/Reconnection
- No Accounts to Follow, Minimize Inventory Cost
- Easy Installation and Future Up Grading of Meter or Retrofitting
- No Dispute Amount whenever Transition of New Management team
- Consumer Awareness of Energy Consumption
- Minimum Maintenance
- Perfect solution for Fast Recovery of Investment

Suitable for :

- Universities College
- Shopping Malls
- Airport Malls
- Residential/ Condominium
- Others



Single Phase NCM Meter

SINGLE PHASE PREPAYMENT METER

METER SPECIFICATION :

IEC 62052 - 11	Current 20(80)A, 10(100)A
IEC 62053 - 21	Frequency 50Hz
IEC 62059 -41	Temperature -25C ~ +80 C
Terminal Layout BS5685	Anti Tampering
Protection Class IP 54 / IEC 60529 -4	Keypad Type System
Impulse 1000/imp kWH	Comply with STS
Voltage 220V, 230V, 240V	LED Backlighit Supported

Three Phase Smart Energy Meter

THREE PHASE PREPAYMENT METER

METER SPECIFICATION :

IEC 62052 - 11	Voltage 3*230, 240V / 415V
IEC 62053 - 21, 23	Current 10(100)A
IEC 62056 - 42, 46, 47, 53, 61	Frequency 50Hz
IEC 62059 -41	Temperature -25C ~ +80 C
Active CL1.0, Reactive CL2.0	
Terminal Layout BS 5685	Comply with STS
Protection Class IP 54 / IEC 60529 -4	AMI Ready - RF, PLC & GPRS
Impulse 1000/imp kWH	Prepayment ready



IP54

RF Communication to HHU

Anti-Tamper

Cost Effective

Time of Use

DLMS/COSEM

Our Clients & Customers

TENAGA NASIONAL BERHAD

SABAH ELECTRICITY SDN. BHD. (462872-W)

UNIVERSITI SAINS MALAYSIA

UNIVERSITI MALAYA

TABUNG HAJI

DELTA PRIMA METERING SDN BHD
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Seksyen 15,
40400 Shah Alam,
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