

OUR PRODUCTS

AMI

Smart Meter Family

Modular AMI meters · RF / PLC / GPRS / cellular

Delta Prima AMI meters are direct-connection modular platforms. One single-phase body (DDZ1513) and one three-phase body (DTZ1513) accept hot-swappable RF, PLC, GPRS, 3G, 4G or NB-IoT modules for remote management and reading.

DDZ1513	DTZ1513	10(100) A	CL 1.0
Single phase AMI	Three phase AMI	Direct connected	Active accuracy

CAPABILITIES

- | | |
|--|---|
| <p>01 Single-phase AMI
DDZ1513 for residential and commercial services, 220/230/240 V, 10(100) A.</p> | <p>02 Three-phase AMI
DTZ1513 for C&I and residential, 3×230/240/400/415 V, 10(100) A.</p> |
| <p>03 Hot-swappable modules
RF, PLC, GPRS, 3G, 4G or NB-IoT without replacing the meter.</p> | <p>04 STS or post-payment
Utility-selectable payment mode on the same hardware.</p> |
| <p>05 Revenue protection
Anti-tamper, irregularity detection and real-time events.</p> | <p>06 Open protocol
DLMS/COSEM to IEC 62056-42/46/47/53/61.</p> |



AMI meter family

DDZ1513 · DTZ1513

PORTFOLIO

One platform, several communication paths

Choose RF or PLC where a neighbourhood network is planned. Choose GPRS/3G/4G/NB-IoT where sites are scattered. Metrology, STS options and IP54 enclosure stay the same.

DDZ1513 · DTZ1513 · RF/PLC/GPRS · STS

Delta Prima Metering
Shah Alam, Malaysia

ISO 9001:2015
SMM 790 / ISO/IEC 17025

TECHNICAL SPECIFICATIONS

Company Profile 2024

Official DDZ1513 and DTZ1513 ratings. Communication module is specified at order.

■ DDZ1513 single phase

Type	Direct connection AMI
Voltage	220 / 230 / 240 V
Current	10(100) A
Frequency	50 Hz
Accuracy	Active CL1.0 / Reactive CL2.0
Impulse	1000 imp/kWh
IP / terminals	IP54 · BS 5685
Temperature	−25 °C to +80 °C
AMI ready	RF, PLC & GPRS
Payment	STS / post-payment

■ DTZ1513 three phase

Type	Direct connection AMI
Voltage	3×230, 240 / 400, 415 V
Current	10(100) A
Frequency	50 Hz
Accuracy	Active CL1.0 / Reactive CL2.0
Impulse	1000 imp/kWh
IP / terminals	IP54 · BS 5685
Temperature	−25 °C to +80 °C
AMI ready	RF, PLC & GPRS
Payment	STS / post-payment

■ Common AMI functions

Modules	RF / PLC / GPRS / 3G / 4G / NB-IoT
Protocol	DLMS/COSEM IEC 62056
Standards	IEC 62052-11, 62053-21/23
HHU	RF communication to HHU
TOU	Time-of-use
Anti-tamper	Yes + real-time events
Display	LED backlight, multi-mode
Modem	Ready
Lab	SAMM 790 / ISO/IEC 17025

■ Also in the range

D54-Series	Single-phase NCM static meter
LVCT meter	CT operated, CL 0.5 / 0.2
1P prepayment	STS keypad, NCM
3P prepayment	STS, AMI ready
MDMS	Meter data management software
Comms infra	RF / PLC / GPRS networks
Calibration	In-house ISO/IEC 17025 lab
Document	Company Profile 2024
Contact	info@deltaprima.com.my

Request technical documentation

Type-test evidence, AMI integration notes and project quotations:
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