

OUR PRODUCTS · AMI

DDZ1513

Single Phase AMI Meter

Direct connection modular design · RF / PLC / GPRS ready

DDZ1513 is a direct-connection modular single-phase AMI meter for commercial and residential customers. Hot-swappable communication modules support RF, PLC, GPRS, 3G, 4G and NB-IoT for remote management and reading.

CL 1.0 / 2.0 Active / reactive	10(100) A Current rating	IP54 IEC 60529	STS Prepayment ready
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CAPABILITIES

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| <p>01 Modular AMI comms
Hot-swappable RF, PLC, GPRS, 3G, 4G or NB-IoT without changing the meter body.</p> | <p>02 STS & post-payment
Prepayment (STS) or post-payment, selectable by the utility.</p> |
| <p>03 Anti-tamper & events
Irregularity detection and real-time events to protect assets and revenue.</p> | <p>04 Time of Use
TOU tariff support with switchable on-site display modes.</p> |
| <p>05 DLMS/COSEM
IEC 62056-42/46/47/53/61 for interoperable AMI data exchange.</p> | <p>06 RF to HHU
Local RF communication to the hand-held unit for field reading and service.</p> |



DDZ1513 · Single phase AMI
BS5685 · IP54 · LED backlight

APPLICATION

Residential and commercial AMI

Use DDZ1513 where utilities need accurate single-phase billing, revenue protection and a communication module that can be swapped as the AMI network evolves.

RF / PLC / GPRS · STS · TOU · Anti-tamper

OEM
Inhemeter / INHE Group

Local partner
Delta Prima Metering
Shah Alam, Malaysia

TECHNICAL SPECIFICATIONS

Engineering reference

Ratings published in Delta Prima Metering Company Profile 2024.

■ Electrical & metrology

Rated voltage	220 V / 230 V / 240 V
Current	10(100) A
Frequency	50 Hz
Active accuracy	Class 1.0
Reactive accuracy	Class 2.0
Impulse constant	1000 imp/kWh
Terminal layout	BS 5685
Display	LED backlight, multi-mode
Payment modes	STS prepayment / post-payment
Connection	Direct, single phase

■ Environmental

Operating temperature	-25 °C to +80 °C
Ingress protection	IP54 IEC 60529
Enclosure use	Utility indoor / outdoor
Frequency	50 Hz
Impulse	1000 imp/kWh
Backlight	LED supported
Design	Modular AMI meter
Typical users	Residential & commercial
Quality system	ISO 9001:2015

■ AMI & functions

AMI ready	RF, PLC & GPRS
Module options	RF / PLC / GPRS / 3G / 4G / NB-IoT
Modem	Ready (hot-swappable)
Prepayment	STS standard
Protocol	DLMS/COSEM
HHU	RF communication to HHU
TOU	Time-of-use supported
Anti-tampering	Yes, with event detection
Remote functions	Management & reading
Display modes	Switchable on site

■ Standards

General	IEC 62052-11
Active / reactive	IEC 62053-21 / 23
Data exchange	IEC 62056-42, 46, 47, 53, 61
IP code	IEC 60529
Terminals	BS 5685
Accuracy	Active CL1.0, Reactive CL2.0
Protection	IP54
STS prepayment	Utility selectable
Manufacturer	Delta Prima Metering

Request technical documentation

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