

OUR PRODUCTS · AMI

DDZ1513

Single Phase Cellular AMI

GPRS / 3G / 4G / NB-IoT module · Same DDZ1513 platform

DDZ1513 fitted with a cellular communication module for direct remote reading where RF mesh or PLC is not practical. The meter body remains the official single-phase AMI platform: Class 1.0, STS/post-payment and hot-swappable modem.

4G / NB-IoT	10(100) A	220–240 V	STS
Cellular module	Current rating	Rated voltage	Prepayment ready

CAPABILITIES

- | | |
|--|---|
| <p>01 Cellular WAN
GPRS / 3G / 4G / NB-IoT module on the DDZ1513 AMI body.</p> | <p>02 No DCU required
Direct remote management and reading without neighbourhood mesh.</p> |
| <p>03 STS & post-payment
Utility-selectable prepayment (STS) or post-payment.</p> | <p>04 Anti-tamper & events
Irregularity detection and real-time events for revenue protection.</p> |
| <p>05 DLMS/COSEM
IEC 62056-42/46/47/53/61 data exchange.</p> | <p>06 Field service
RF to HHU, LED backlight and switchable display modes.</p> |



DDZ1513 · Cellular AMI

GPRS / 3G / 4G / NB-IoT · IP54

APPLICATION

Scattered and remote single-phase AMI

Rural homes, isolated feeders and high-value single-phase points that need AMI without RF concentrators. Keep the same DDZ1513 metrology and swap the module later.

OEM
Inhemeter / INHE Group

Local partner
Delta Prima Metering
Shah Alam, Malaysia

GPRS / 4G / NB-IoT · STS · TOU · Anti-tamper

TECHNICAL SPECIFICATIONS

Engineering reference

Meter ratings from Company Profile 2024; communication module is GPRS/3G/4G/NB-IoT.

■ 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 / post-payment
Connection	Direct, single phase

■ Cellular AMI

Module	GPRS / 3G / 4G / NB-IoT
AMI ready	RF, PLC & GPRS platform
Modem	Ready (hot-swappable)
Prepayment	STS standard
Protocol	DLMS/COSEM IEC 62056
HHU	RF communication to HHU
TOU	Time-of-use supported
Anti-tampering	Yes
Remote functions	Management & reading
Gateway	Not required

■ Environmental

Operating temperature	-25 °C to +80 °C
Ingress protection	IP54 IEC 60529
Frequency	50 Hz
Impulse	1000 imp/kWh
Backlight	LED supported
Design	Modular AMI meter
Typical users	Remote residential & commercial
Quality system	ISO 9001:2015
Calibration lab	SAMM 790 / ISO/IEC 17025

■ 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:
info@deltaprima.com.my · +603-5524 3154

Delta Prima Metering Sdn Bhd
12A, Jalan 15/22
Tiong Nam Industrial Park
40200 Shah Alam, Selangor