

OUR PRODUCTS · BASIC METERING

D54

Series 2 NCM & WC

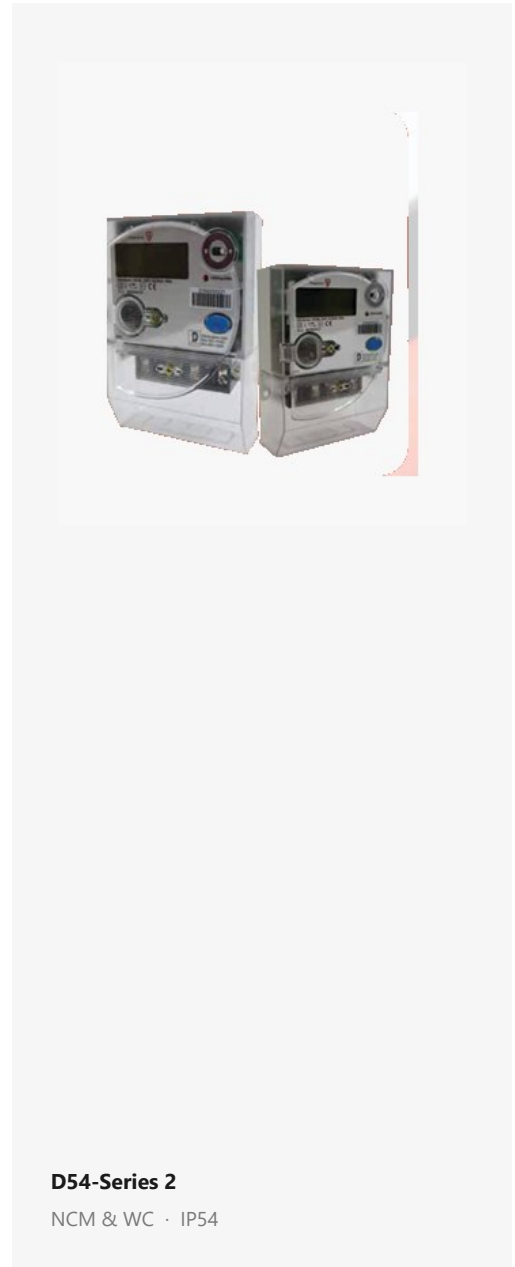
NCM & WC single-phase meters · Lithium battery · IP54

D54-Series 2 covers Delta Prima's single-phase Neutral Current Measurement (NCM) and Whole Current (WC) static meters. BS 5685 terminals, IP54 enclosure, lithium battery backup, anti-tamper and LED backlight — for residential billing without AMI modules.

NCM / WC	20(80)/10(100)A	IP54	IEC 62053-21
Two model types	Current options	IEC 60529	Active energy

CAPABILITIES

- | | |
|--|---|
| <p>01 NCM model
Neutral current measurement for improved detection of wiring and tamper conditions.</p> | <p>02 WC model
Whole current (direct-connected) metering of the full load current.</p> |
| <p>03 Dual current options
20(80) A or 10(100) A to match service size.</p> | <p>04 Lithium battery
Backup for register and tamper record during supply loss.</p> |
| <p>05 BS 5685 terminals
Standard UK/Malaysia terminal layout for straightforward install.</p> | <p>06 IEC compliance
IEC 62052-11, 62053-21 and 62059-41.</p> |



APPLICATION

Accurate residential billing

Specify D54 Series 2 where utilities need robust single-phase NCM or WC meters with local calibration support — without RF or cellular modules.

Delta Prima Metering
Shah Alam, Malaysia

ISO 9001:2015
SAMM 790 / ISO/IEC 17025

Residential · NCM · WC · BS5685

TECHNICAL SPECIFICATIONS

Engineering reference

Shared Series 2 ratings aligned with Company Profile 2024 D54 single-phase data; NCM & WC per product range.

■ Meter specification

Models	NCM and WC
Voltage	220 V / 230 V / 240 V
Current	20(80) A or 10(100) A
Frequency	50 Hz
Impulse	1000 imp/kWh
Terminal layout	BS 5685
Protection	IP54 / IEC 60529
Temperature	-25 °C to +80 °C
Battery	Lithium battery
NCM	Neutral current measurement

■ Functions

WC	Whole current (direct)
Anti-tampering	Yes
Display	LED backlight supported
Connection	Direct, single phase
Typical use	Residential billing
AMI modules	Not required
Install	BS 5685 terminals
Quality	ISO 9001:2015
Calibration	SAMM 790 / ISO/IEC 17025
Document	Company Profile 2024

■ Standards

General	IEC 62052-11
Active energy	IEC 62053-21
Dependability	IEC 62059-41
IP code	IEC 60529
Terminals	BS 5685
Protection class	IP54
Frequency	50 Hz
Impulse	1000 imp/kWh
Manufacturer	Delta Prima Metering

■ Related products

AMI 1P	DDZ1513 modular AMI
AMI 3P	DTZ1513 modular AMI
LVCT	CT meter CL 0.5 / 0.2
1P prepaid	STS keypad NCM
3P prepaid	STS three-phase
MDMS	See AMI solution
Lab	In-house ISO/IEC 17025
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Request technical documentation

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