

MT260

SMART RESIDENTIAL METER.



Iskraemeco's next generation smart meters are deployed for the smart residential consumer/prosumer. The best-in-class design, cost-efficient, reliable and secure communication and the intelligent 'Measure Everything' innovative platform, enables a seamless integration of smart metering functions into the smart grid and assures maximum flexibility.

FEATURES

- Future proof platform.
- Last Gasp and First Breath.
- Universal standardized transparent pass-through communication interface.
- Communication according to IS 15959 -1 and IS 15959 - 2
- Extended set of embedded Smart Grid functions.
- Compliance with IS 16444.
- Support of both prepayment and post payment mode.
- Extended load profile and maximum demand measurement.
- Front mounted communication module for easy access

- Stringent anti-tamper features
- Four quadrant metering with import/export registration

KEY BENEFITS

- Modular communication to support different WAN/NAN modules (RF, 2G/3G/4G, NBIoT).
- Integrated high-level security mechanism.
- Remote firmware upgradeability of meter.
- Push alarms for real-time monitoring and intervention.
- Hot swappable with all kinds of COMs.
- 10+ years of life.
- Dual relay.
- Metrology on both phase and neutral.
- Minimal Total Cost of Ownership.

MT260

TECHNICAL SPECIFICATIONS

Network			Low voltage
Connection type			3P4W
Communication			Local - Optical port
Nominal voltage Un			240 V, -40% to +20%
Voltage range			0.8 - 1.15 Un
Current	Base current	Ib	5, 10 A
	Maximal current	I _{max}	60, 100 A
Accuracy class			Active Class 1 (IS 16444), Reactive class 2
Temperature range	Operation		-10 °C to +60 °C
	Storage		-25 °C to 70 °C
Ingress protection			IP51