

# ME260

## 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 communications module for easy access.
- Solid anti-tamper features.
- Four quadrant metering with import/export registration.
- ESD compliance at factory.
- Passes through highest reliability standard with HALT/ALT and HASS.

## 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.

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### TECHNICAL SPECIFICATIONS

<b>Network</b>			Low voltage
<b>Connection type</b>			1P2W
<b>Communication</b>			Local - Optical port
<b>Nominal voltage Un</b>			240 V, -40% to +20%
<b>Voltage range</b>			0.8 - 1.15 Un
<b>Current</b>	Base current	Ib	5, 10 A
	Maximal current	I <sub>max</sub>	60, 100 A
<b>Accuracy class</b>			Active Class 1 (IS 16444), Reactive class 2
<b>Temperature range</b>	Operation		-10 °C to +60 °C
	Storage		-25 °C to 70 °C
<b>Ingress protection</b>			IP51