

# Product data sheet

Specifications



## DM6200 digital meter with basic readings - with communication

METSEDM6200

### Main

Range of product	PowerLogic
Device short name	DM6200
Product or component type	Multimeter

### Complementary

Device application	Equipment monitoring Power monitoring Preventive maintenance
Type of measurement	Current Voltage Frequency Power factor Phase unbalance Phase angle RPM
[Us] rated supply voltage	44...277 V AC 50/60 Hz 44...277 V DC
Network frequency	45...65 Hz
Maximum power consumption in VA	3 VA at 240 V AC
Display type	LED indicator
Sampling rate	20 samples/cycle
Measurement current	5 A 1 A
Analogue input type	Current 0.05...6 A (impedance $\leq$ 0.1 Ohm)
Measurement voltage	80...480 V AC phase to phase
Measurement accuracy	Frequency 0.1 % Power factor 1 % Voltage 1 % 46...277 V Current 1 % 0.05...6 A
Communication port protocol	Modbus
Communication port support	Terminal block: RS485
Transmission rate	19.2 kbauds

### Environment

Electromagnetic compatibility	Electrostatic discharge immunity test: , conforming to IEC 61000-4-2 Susceptibility to electromagnetic fields: , conforming to IEC 61000-4-3
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Electrical fast transient/burst immunity test: , conforming to IEC 61000-4-4  
 1.2/50 µs shock waves immunity test: , conforming to IEC 61000-4-5  
 Conducted RF disturbances: , conforming to IEC 61000-4-6  
 Immunity to impulse waves: , conforming to IEC 61000-4-12  
 Conducted and radiated emissions: , A, conforming to CISPR 11  
 Immunity to microbreaks and voltage drops: , conforming to IEC 61000-4-11

<b>Mounting mode</b>	Flush-mounted
<b>Type of installation</b>	Indoor installation
<b>Overvoltage category</b>	III
<b>IP degree of protection</b>	IP40 back: IP51 front face:
<b>Pollution degree</b>	2
<b>Ambient air temperature for operation</b>	-10...60 °C
<b>Ambient air temperature for storage</b>	-25...70 °C
<b>Relative humidity</b>	95 %
<b>Operating altitude</b>	0...2000 m
<b>Standards</b>	UL 508 IEC 61010
<b>Product certifications</b>	CE
<b>Width</b>	96 mm
<b>Depth</b>	80 mm
<b>Height</b>	96 mm
<b>Net weight</b>	0.4 kg

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	537.0 g
<b>Package 1 Height</b>	11.0 cm
<b>Package 1 Width</b>	12.5 cm
<b>Package 1 Length</b>	12.8 cm
<b>Unit Type of Package 2</b>	CAR
<b>Number of Units in Package 2</b>	1
<b>Package 2 Weight</b>	538.0 g
<b>Package 2 Height</b>	11.0 cm
<b>Package 2 Width</b>	12.5 cm
<b>Package 2 Length</b>	13.0 cm
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	12
<b>Package 3 Weight</b>	7.169 kg
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
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<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)

METSEDM6200 is replaced by:

1x		EASYLOGIC DM6200H VAF PF DPM RS48 CL1.0 METSEDM6200HCL10RS
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