

Product data sheet

Specifications



PowerLogic HDPM6000, Head unit, 50 / 60Hz, up to 480V [TAA]

METSEHDPM6S480VC

Product availability: Stock - Normally stocked in distribution facility

Main

Range	PowerLogic
Product name	PowerLogic HDPM6000
Product or Component Type	Base unit
Device short name	HDPM6000
Energy management	Asset management Measurement Cost management
Power quality analysis	waveform capture total harmonic distortion
Type of measurement	Current per channel Current all channels Active energy per channel Active energy all channels Active power per channel Active power all channels Apparent power per channel Apparent power all channels Reactive power per channel Reactive power all channels Frequency Power factor per channel Power factor average Harmonic distortion (I THD & U THD) Harmonics meter Active energy total Active power total Apparent power total Apparent power demand per channel Apparent power demand all channels Active power demand per channel Active power demand all channels
[Us] rated supply voltage	24 V DC
Network Frequency	60 Hz 50 Hz

Complementary

current transformer input	External CT
Measurement voltage	120...480 V AC 50/60 Hz
Poles description	2P + E 3P + E 3P + N + E
Measurement accuracy	+/- 1 %
Measurement category	Category III
Sampling rate	128 samples/cycle

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Communication port protocol	TCP/IP Modbus SNMP BACnet
Communication port support	2 RJ45 ETHERNET RS485 screw block terminal I/O bus RJ45
Web services	Web page Controller configuration Viewing of captured waveform Real time viewing of data
Communication of data	Power quality Reading of measurements Percentage of load
Memory capacity	8 GB
Noise level	0...65 dB

Environment

Mounting Mode	Clipped By screws
Mounting Support	35 mm DIN rail Enclosure
Type of Installation	Indoor
Pollution degree	2
Relative humidity	5...90 %
Ambient Air Temperature for Operation	-4...140 °F (-20...60 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Operating altitude	<= 6561.68 ft (2000 m)
Width	8.73 in (221.74 mm)
Depth	4.12 in (104.65 mm)
Height	2.009 in (51.04 mm)

Ordering and shipping details

Category	US10PL109764
Discount Schedule	0PL1
GTIN	3606481985880
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	9.646 in (24.500 cm)
Package 1 Width	9.764 in (24.800 cm)
Package 1 Length	14.409 in (36.600 cm)
Package weight(Lbs)	3.695 lb(US) (1.676 kg)

Compliance

Compliance	TAA Compliant BAA Compliant via COTS
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Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	183 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	47 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.8 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	132 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	84
Circularity Profile	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.