


PM130-PLUS POWERMETERS			
		Order Code	Price €
Power Version	Measures Volts, Amps, Vars, VA, PF, Hz, Phase Rotation, Neutral Current, Voltages and Currents Unbalance, Max. Demand (Amps, Watts), Min/Max Values, nominal voltage range of 0-690V L-L, One communication port RS485, protocol: ASCII, improved MODBUS and DNP 3.0 Level 1 rev. 2.3. Bright LED display standard	PM130P-PLUS	253
Energy and Harmonic Version	All above features plus: THD and individual Harmonics to 40 for Voltages and Currents, TDD and K-Factor for Currents, Neutral Current, Voltages and Currents Unbalance, Energy (Import/Export) - kWh, kVAh, kvarh and Demand (Max. Accumulated, Sliding, Projected) - kW, kVA, kvar, Energy Registers, Max Demand Registers. Harmonic Measurements - synthesized voltage and current waveforms (via PAS software). 59kB for data and event logging.	PM130EH-PLUS	298
Energy Only	All above features without individual Harmonics	PM130E-PLUS	276
OPTIONS			
Current Inputs			
5 Ampere		5	N/C
1 Ampere		1	N/C
5A split core remote high accuracy current sensor (HACS), 50/60Hz only		RS5	253
High Accuracy Current Sensors (HACS), 50/60Hz only Requires ordering of 3 HACS - please refer to page 17.		HACS	N/C
Calibration at Frequency			
25 Hz (supports 1A and 5A models only)		25HZ	N/C
50 Hz		50HZ	N/C
60 Hz		60HZ	N/C
400 Hz (supports 1A and 5A models only)		400HZ	N/C
Resolution			
Low Resolution 1A, 1V		-	N/C
High Resolution 0.01A, 0.1V		H	N/C
Power Supply			
85-265V AC and 85-290V DC		ACDC	N/C
9.5-18V DC		1DC	253
18.5-58V DC (24VDC, 48VDC)		23DC	253
Communication Protocol			
Modbus and DNP 3.0		-	N/C
Modbus and IEC 60870-5-101/104 (Note: -104 requires ETH, does NOT work over cellular network))		870	253
Mounting			
Panel Mount (standard)		-	N/C
DIN Rail Mounting		DIN	253
Testing and Certificate			
Full functional test, calibration at various work loads & detailed test report		-	N/C
Full functional test, calibration at various work loads & detailed test report plus ISO 17025 and ILAC certified calibration certificate		CC	Contact Us
Expansion Module (Max. 1 module per instrument, can be ordered separately)			
4 Analog Outputs: ±1mA		AO1	253
4 Analog Outputs: 0-20mA		AO2	253
4 Analog Outputs: 0-1mA		AO3	253
4 Analog Outputs: 4-20mA		AO4	253
4 Analog Outputs: 0-3mA		AO5	253
4 Analog Outputs: ±3mA		AO6	253
4 Analog Outputs: 0-5mA		AO7	253
4 Analog Outputs: ±5mA		AO8	253
Communication: Ethernet (TCP/IP)		ETH	253
Communication: PROFIBUS		PRO	253
Communication: RS232/422/485		RS232	253
Communication: 2G/3G GSM Modem (Doesn't support 870 protocol) Supplied with bendable antenna. Please refer to page 23 for more options.		T3G	253
Communication: 4G Modem (Doesn't support 870 protocol) x: G=Europe; V=Verizon (US); A=AT&T (US); T=Telstra (AUS) Supplied with bendable antenna.		T4x	253
Communication: RF (see Accessories page)		RF-x-y	253
4 Digital Inputs (Dry Contact) / 2 Relay Outputs 250V / 5A AC		DIOR	253
4 Digital Inputs (Dry Contact) / 2 SSR Outputs 250V / 0.1A AC		DIOS	253
4 Digital Inputs (Dry Contact) / TOU / RTC Battery		TOD	253
8 Digital Inputs (Dry Contact)		8DI	253
12 Digital Inputs / 4 Relay Outputs 250V/5A AC		12DIOR	253
Digital Inputs Rating - Dry Contact (DRC), 48V, 125V or 250V		DRC or 48V or 125V or 250V	-
12 DIOR module communication port:			
None		-	-
RS-485		485	253
Ethernet		ETH	253
CAN		CAN	253

