

Select one code from each ordering category and fill in the boxes below. Use this group of codes when you order your ION 7550.

Model	Form Factor	Current inputs	Voltage inputs	Power supply	System Freq	Comm	I/O	Security	Special Order
P7550			0						

ION 7550	Order Code	Description
Model	P7550	ION 7550: Advanced meter with wide-range voltage inputs (57-347 line-neutral or 100-600V line-line), sag/swell detection, data and waveform recording, and 256 samples/cycle resolution. Supports ION, Modbus RTU and DNP 3.0 protocols.
Form Factor	A0	Integrated display with front optical port and 5 MB logging memory
	B0	Integrated display with front optical port and 10 MB logging memory.
	T0	Transducer (no display) version, with 5 MB logging memory.
	U0	Transducer (no display) version, with 10 MB logging memory.
Current Inputs	C	5 Amp nominal, 20 Amp full scale current input
	E	1 Amp nominal, 10 Amp full scale current input
	F	Current Probe Inputs (for use with 0-1 VAC current probes; probes sold separately)
	G	Current Probe Inputs with three Universal Technic 10A clamp on CTs; meets IEC 1036 accuracy
Voltage Inputs	0	57 to 347 VAC line-to-neutral / 100 to 600 VAC line-to-line
Power Supply	B	Standard power supply (85-240 VAC, ±10%/47-63 Hz / 110-330 VDC, ±10%)
	C	Low voltage DC power supply (20-60 VDC)
System Frequency	5	Calibrated for 50 Hz systems
	6	Calibrated for 60 Hz systems
Communications	A0	Standard communications (1 RS-232/RS-485 port, 1 RS-485 port). Integrated display models also include 1 ANSI Type 2 optical communications port.
	C1	Standard communications plus 10Base-T Ethernet (RJ45), 33.6k universal internal modem (RJ11). Ethernet and modem gateway functions each use a serial communications port.
	D1	Standard communications plus 10Base-T Ethernet (RJ45) and 10BaseFL Ethernet Fiber, 33.6k universal internal modem (RJ11). Ethernet and modem gateway functions each use a serial communications port.
	E0	Standard communications plus 10Base-T Ethernet (RJ45). Ethernet gateway function uses a serial communications port.
	F0	Standard communications plus 10Base-T Ethernet (RJ45) and 10Base-FL (ST male Fiber Optic connection). Ethernet gateway function uses a serial communications port.
	M1	Standard communications plus 33.6k universal internal modem (RJ11). Modem gateway function uses a serial communications port.
I/O	A	Standard I/O (8 digital inputs, 3 Form C relays, 4 Form A solid-state outputs)
	D	Standard I/O plus Expansion I/O card (8 additional digital inputs & four 0 to 1 mA analog inputs)
	E	Standard I/O plus Expansion I/O card (8 additional digital inputs & four 0 to 20 mA analog inputs)
	H	Standard I/O plus Expansion I/O card (8 additional digital inputs & four -1 to 1 mA analog outputs)
	K	Standard I/O plus Expansion I/O card (8 additional digital inputs & four 0 to 20 mA analog outputs)
	N	Standard I/O plus Expansion I/O card (8 additional digital inputs & four 0 to 20 mA analog inputs and four 0 to 20 mA outputs)
	P	Standard I/O plus Expansion I/O card (8 additional digital inputs & four 0 to 1 analog inputs & four -1 to 1 mA analog outputs)
Security	0	Password protected, no hardware lock
	1	Password protected and hardware lockable (lock enabled/disabled via jumper on comm. card)
Special Order	A	None
	C	Tropicalization treatment applied

* ION 7550 / ION 7650 Comm Cards, Expansion I/O Cards, OpenDAC racks, modules and accessories, and related items are listed on pages 17-18.