

PowerScout™ HD Model Comparison Chart

Specification	FLEX 3	FLEX 12	FLEX 24	FLEX 48
Current Channels	3 channels, 0.525 VAC max, 333 mV CTs, Rogowski CTs	12 channels, 0.525 VAC max, 333 mV CTs, Rogowski CTs	24 channels, 0.525 VAC max, 333 mV CTs, Rogowski CTs	48 channels, 0.525 VAC max, 333 mV CTs, Rogowski CTs
Phasing/Wiring	Single Phase, Three Phase-Four Wire (WYE), Three Phase-Three Wire (Delta)	Single Phase, Split Phase, Three Phase-Four Wire (WYE), Three Phase-Three Wire (Delta)	Single Phase, Split Phase, Three Phase-Four Wire (WYE), Three Phase-Three Wire (Delta)	Single Phase, Split Phase, Three Phase-Four Wire (WYE), Three Phase-Three Wire (Delta)
Voltage Configurations	80-346 Volts AC Line-to-Neutral, 600 V Line-to-Line, CAT III	90-346 Volts AC Line-to-Neutral, 600V Line-to-Line, CAT III	90-346 Volts AC Line-to-Neutral, 600V Line-to-Line, CAT III	90-346 Volts AC Line-to-Neutral, 600V Line-to-Line, CAT III
Voltage Channels	1x Three-Phase Voltage Reference Input	1x Three-Phase Voltage Reference Input	2x Three-Phase Voltage Reference Input	2x Three-Phase Voltage Reference Input
Max Current	None. Accepts up to 150% of 333.3mV CT rating or 4000A with a RoCoil CT	None. Accepts up to 150% of 333.3mV CT rating or 4000A with a RoCoil CT	None. Accepts up to 150% of 333.3mV CT rating or 4000A with a RoCoil CT	None. Accepts up to 150% of 333.3mV CT rating or 4000A with a RoCoil CT
Pulse Inputs	N/A	Four (4x) inputs. 3.3V sourcing voltage (current limited) to customer dry contact pulse output. Max pulse rate 10 Hz (50 mSec minimum transition time)	Two (2x) inputs. 3.3V sourcing voltage (current limited) to customer dry contact pulse output. Max pulse rate 10 Hz (50 mSec minimum transition time)	Two (2x) inputs. 3.3V sourcing voltage (current limited) to customer dry contact pulse output. Max pulse rate 10 Hz (50 mSec minimum transition time)
Communications Protocol	Standard: Modbus RTU, BACnet MS/TP, Modbus TCP or BACnet IP	Standard: Modbus RTU, BACnet MS/TP, Modbus TCP or BACnet IP	Standard: Modbus RTU, BACnet MS/TP, Modbus TCP or BACnet IP	Standard: Modbus RTU, BACnet MS/TP, Modbus TCP or BACnet IP
Current Transformer Options	Split Core, Solid Core, Rogowski Coil	Split Core, Solid Core, Rogowski Coil	Split Core, Solid Core, Rogowski Coil	Split Core, Solid Core, Rogowski Coil
Enclosure Options	Wall Mount, Rail Mount	Enclosure, Plate	Enclosure, Plate	Enclosure, Plate
Configurations	3PH: x1 2PH: x1 1PH: x1	3PH: 4×3 2PH: 4×2* 1PH: 12×1	3PH: 8×3 2PH: 8×2* 1PH: 24×1	3PH: 16×3 2PH: 16×2* 1PH: 48×1
Accuracy	0.2% ANSI C12.20-2015 Class 0.2	0.2% ANSI C12.20-2015 Class 0.2	0.2% ANSI C12.20-2015 Class 0.2	0.2% ANSI C12.20-2015 Class 0.2
Cloud Compatibility	Yes	Yes	Yes	Yes
API Capable	Yes	Yes	Yes	Yes
Certifications	UL 61010 Listed CE RoHS	Plate: UL Recognized 61010 Enclosure: UL Listed 61010 CE RoHS	Plate: UL Recognized 61010 Enclosure: UL Listed 61010 CE RoHS	Plate: UL Recognized 61010 Enclosure: UL Listed 61010 CE RoHS
Compliance	CTEP NYC Local Law 88	CTEP NYC Local Law 88	CTEP NYC Local Law 88	CTEP NYC Local Law 88 NY PSC

For **Virtual Element** capability check out the new **PowerScout™ FLEX** line: <https://www.dentstruments.com/shop/solutions-powerscout-flex/>