HDPQ-DN Power Quality Packages

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ENHANCED Powerful PQ Monitoring Technology – Do More With A Dranetz!

The Dranetz HDPQ-DN offers enhanced monitoring technology and meets the current internationally recognized PQ monitoring standards, including IEC 61000-4-30 Edition 3 Class A, IEEE 519:2014 and more. The advanced PQ monitoring capabilities from Dranetz enable you to detect PQ problems that other instruments may miss, such as negative transients, notching, intermittent switching & harmonics, and other problems that can only be captured using our proprietary waveform difference triggers. Applications include utility substation, capacitor bank evaluations, UPS/mission critical environments, medical imagery and more. Like all Dranetz HDPQ instruments, the HDPQ-DN offers a base sampling rate of 512 samples per cycle which offers the best base transient capture capability in the industry.

- **4 models available to meet any circuit connection need**
- **IEC 61000-4-30 Class A Edition 3 compliant – Certificate of Conformity from an independent laboratory**
- **DNP3 and Modbus communications**
- **For new monitoring systems**
- **Add to existing 61000 system**
- **Direct replacement for the 61000 (61STD) – Reuse all mounting hardware, pods, etc.**
- **Compatible with PQView DE**

Specifications:

VOLTAGE
- Channels: (4), differential inputs, AC/DC
- Sampling: 512 samples/cycle, 16 bit A/D, synchronous sampling
- Range: 1-600 Vac/dc
- Full Scale Accuracy: 0-600V, +/-0.1% of reading, <40V +/-0.5%FS
- Frequency: 50Hz, 60Hz
- Power quality to IEC 61000-4-30 Class A Edition 3
- Harmonics: Per IEC 61000-4-7, individual harmonics to the 127th
- Input impedance: 10MΩ to ground

CURRENT
- Channels: (4), differential inputs, AC/DC
- Sampling 512 samples/cycle, 16 bit A/D
- Range: Model & CT dependent. 1.5Vrms FS, 5A or 1A
- Accuracy: 0.1% reading. Does not include CT
- Power quality to IEC 61000-4-30 Class A Edition 3
- Harmonics: Per IEC 61000-4-7, individual harmonics to the 63rd

DIGITAL INPUT (optional)
- Range: 0 – 200VDC
- 1KHz sampling, Edge or level triggered,
- Logic programmed by user (active high or active low)
- Time stamped to the millisecond
- Screw terminals

SAFETY AND COMPLIANCE
- UL, CE, ISO9001

MODELS AVAILABLE
- HDPQ-DN-MVS: Screw terminals for voltage and current
- HDPQ-DN-MZP: Pod connections for use with Dranetz voltage and current pods
- HDPQ-DN-MVB: Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's
- HDPQ-DN-MVSTR: Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's

MEMORY
- 4GB internal flash

MONITORING COMPLIANCE
- IEC 61000-4-30 Class A Edition 3, IEC 61000-4-7, IEC 61000-4-15
- EN 50160, NVE, IEEE 1453, IEEE 519:2014

COMMUNICATIONS
- Standard: RJ45 TCP/IP Ethernet, USB
- Optional: 3G/4G cellular
- Protocols: XML, Modbus TCP, DNP3
- Time synchronization: NTP, optional internal GPS or IRIG-B

INSTRUMENT POWER
- 90 to 250V AC 50/60Hz
- 100 to 300V DC
- 15 minute internal UPS (user replaceable battery)

HDPQ-DN-MVS (Screw Terminal Measurement Connectors)

HDPQ-DN-MVS Specifications

Voltage
Channels: (4) differential inputs, AC/DC
Sampling: 512 samples/cycle, 16bit A/D, synchronous sampling
Range: 1-600 Vac/Vdc
Full Scale Accuracy: 0-600V +/- 0.1% reading,<40V +/- 0.5% full scale
Frequency: 50Hz, 60Hz
Harmonics: Per IEC 61000-4-7, individual harmonics to the 127th
Input impedance: 10MΩ to ground
Screw terminals for voltage

Front view

Current
Channels: (4) differential inputs, AC/DC
Sampling 512 samples/cycle, 16 bit A/D
Range: CT dependent. 1.5Vrms FS, 5A or 1A
Accuracy: 0.1% reading. Does not include CT.
Harmonics: Per IEC 61000-4-7, individual harmonics to the 63rd
Screw terminals for current

Digital Input (optional)
Range: 0 – 200VDC
1KHz sampling, Edge or level triggered
Logic programmed by user (active high or active low)
Timed stamped to the millisecond
Screw terminals

Back view

Memory
4GB internal flash

Monitoring Compliance
IEC61000-4-30 Class A Edition 3 – Certified by an independent laboratory
IEC61000-4-7, IEC61000-4-15
EN50160, NVE, IEEE 1159, IEEE 1453, IEEE 519:2014

Communications
Standard: RJ45 TCP/IP Ethernet, USB
Optional: 3G/4G cellular
Protocols: XML, Modbus TCP, DNP3
Time synchronization: NTP, optional internal GPS or IRIG-B

Instrument Power
90 to 250V AC 50-60Hz
100 to 300V DC
15 minute internal UPS (user replaceable battery)

Environmental
Operating temperature: 0 to 55°C
Humidity: 5 to 95%, non-condensing, indoor use only

Safety and Compliance
UL, C€, ISO9001

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HDPQ-DN-MZP (Pod connections for use with Dranetz voltage and current pods)

HDPQ-DN-MZP Specifications

Voltage
Channels: (4) differential inputs, AC/DC
Sampling: 512 samples/cycle, 16bit A/D, synchronous sampling
Range: 1-600 Vac/Vdc
Full Scale Accuracy: 0-600V +/- 0.1% reading,<40V +/- 0.5% full scale
Frequency: 50Hz, 60Hz
Harmonics: Per IEC 61000-4-7, individual harmonics to the 127th
Input impedance: 10MΩ to ground
Pod connections for use with Dranetz voltage pods (sold separately)

Front view

Current
Channels: (4) differential inputs, AC/DC
Sampling 512 samples/cycle, 16 bit A/D
Range: Pod & CT dependent. 1.5Vrms FS, 5A or 1A
Accuracy: 0.1% reading. Does not include CT.
Harmonics: Per IEC 61000-4-7, individual harmonics to the 63rd
Pod connections for use with Dranetz current pods (sold separately)

Digital Input (optional)
Range: 0 – 200VDC
1KHz sampling, Edge or level triggered
Logic programmed by user (active high or active low)
Timed stamped to the millisecond
Screw terminals

Back view

Memory
4GB internal flash

Monitoring Compliance
IEC61000-4-30 Class A Edition 3 – Certified by an independent laboratory
IEC61000-4-7, IEC61000-4-15
EN50160, NVE, IEEE 1159, IEEE 1453, IEEE 519:2014

Communications
Standard: RJ45 TCP/IP Ethernet, USB
Optional: 3G/4G cellular
Protocols: XML, Modbus TCP, DNP3
Time synchronization: NTP, optional internal GPS or IRIG-B

Instrument Power
90 to 250V AC 50-60Hz
100 to 300V DC
15 minute internal UPS (user replaceable battery)

Environmental
Operating temperature: 0 to 55°C
Humidity: 5 to 95%, non-condensing, indoor use only
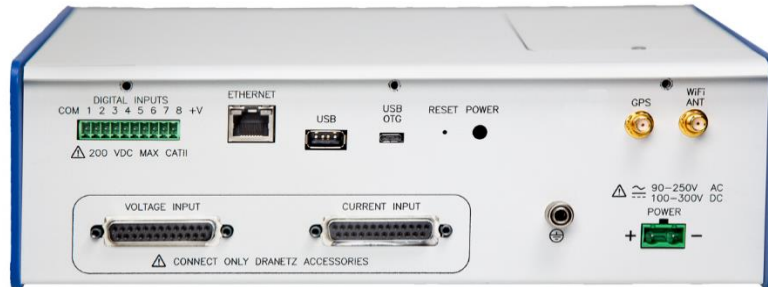
Safety and Compliance
UL, CE, ISO9001

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HDPQ-DN-MZP Power Quality Package
HDPQ-DN-MZP-5A

HDPQ-DN-MZP
Pod connections for use with Dranetz voltage and current pods

1 – 5536 Voltage Pod
- 4 differential inputs
- Accepts four 5-600 Vrms (AC/DC), 1000 Vpk
- Phase A, B, C voltage, plus neutral to ground
- Neutral to ground voltage range: 0.5 – 20 Vrms (AC/DC)
- Accuracy ±0.1% of reading ±0.05% full scale

1 – 5537 Current Pod
- 4 differential inputs
- Accepts four 0.01-5 Arms, 25A pk
- Allows connection up to #12 AWG wire
- Accuracy ±0.1% of reading ±0.05% full scale

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HDPQ-DN-MVB (Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's)

HDPQ-DN-MVB Specifications

Voltage
Channels: (4) differential inputs, AC/DC
Sampling: 512 samples/cycle, 16bit A/D, synchronous sampling
Range: 1-600 Vac/Vdc
Full Scale Accuracy: 0-600V +/- 0.1% reading,<40V +/- 0.5% full scale
Frequency: 50Hz, 60Hz
Harmonics: Per IEC 61000-4-7, individual harmonics to the 127th
Input impedance: 10MΩ to ground
Safety connectors for voltage (Includes Voltage Cable Set)

Front view

Current
Channels: (4) differential inputs, AC/DC
Sampling 512 samples/cycle, 16 bit A/D
Range: CT dependent. 1.5Vrms FS, 5A or 1A
Accuracy: 0.1% reading. Does not include CT.
Harmonics: Per IEC 61000-4-7, individual harmonics to the 63rd
Dranetz TR connectors for Flex and clamp-on CT's (sold separately)

Digital Input (optional)
Range: 0 – 200VDC
1KHz sampling, Edge or level triggered
Logic programmed by user (active high or active low)
Timed stamped to the millisecond
Screw terminals

Back view

Memory
4GB internal flash

Monitoring Compliance
IEC61000-4-30 Class A Edition 3 – Certified by an independent laboratory
IEC61000-4-7, IEC61000-4-15
EN50160, NVE, IEEE 1159, IEEE 1453, IEEE 519:2014

Communications
Standard: RJ45 TCP/IP Ethernet, USB
Optional: 3G/4G cellular
Protocols: XML, Modbus TCP, DNP3
Time synchronization: NTP, optional internal GPS or IRIG-B

Instrument Power
90 to 250V AC 50-60Hz
100 to 300V DC
15 minute internal UPS (user replaceable battery)

Environmental
Operating temperature: 0 to 55°C
Humidity: 5 to 95%, non-condensing, indoor use only

Safety and Compliance
UL, C€, ISO9001

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191 Talmadge Road, Edison, New Jersey 08817   www.Dranetz.com   +1-732-287-3680   Sales@Dranetz.com

HDPQ-DN-MVB Power Quality Package
HDPQ-DN-MVB-10PKG

HDPQ-DN-MVB

Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's

Voltage Cable Set 118375-G1 (standard accessory)

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips;   4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 - TR-2510B 1A to 10Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.

HDPQ-DN-MVB Power Quality Package
HDPQ-DN-MVB-500PKG

HDPQ-DN-MVB

Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's

Voltage Cable Set 118375-G1 (standard accessory)

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips;   4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 - TR-2500B 10A to 500Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 50mm dia. maximum conductor size.

HDPQ-DN-MVB Power Quality Package
HDPQ-DN-MVB-550PKG

HDPQ-DN-MVB

Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's

Voltage Cable Set 118375-G1 (standard accessory)

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips; 4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 - TR-2550B 1A to 100Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.

HDPQ-DN-MVB Power Quality Package
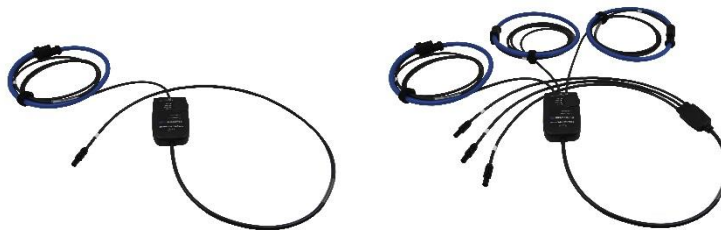# HDPQ-DN-MVB-FLEX3KPKG

HDPQ-DN-MVB

Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's

Voltage Cable Set 118375-G1 (standard accessory)

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips;   4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

1- DRANFLEX3003XLB24 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB24 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

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HDPQ-DN-MVB Power Quality Package
HDPQ-DN-MVB-FLEX6KPKG

HDPQ-DN-MVB

Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's

Voltage Cable Set 118375-G1 (standard accessory)

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips;   4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

1- DRANFLEX6003XLB24 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX6000XLB24 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

HDPQ-DN-MVB

Safety connectors for voltage, Dranetz TR connectors for Flex and clamp-on CT's

Voltage Cable Set 118375-G1 (standard accessory)

Includes: 8 - Six ft. (183cm) measurement cables: 4 Black, 4 White; 4 - Black alligator clips; 4 - White alligator clips;   4 - Black 25 cm stackable jumpers. Compatible with portable and permanent systems with 4mm voltage connectors.

4 – DRANFLEX300MHB6 Single phase flex probe 3/30/300Amp

3A to 300Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 2" dia. maximum conductor size, 1000V Max rated.

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HDPQ-DN-MVSTR (Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's)

HDPQ-DN-MVSTR Specifications

Voltage
Channels: (4) differential inputs, AC/DC
Sampling: 512 samples/cycle, 16bit A/D, synchronous sampling
Range: 1-600 Vac/Vdc
Full Scale Accuracy: 0-600V +/- 0.1% reading,<40V +/- 0.5% full scale
Frequency: 50Hz, 60Hz
Harmonics: Per IEC 61000-4-7, individual harmonics to the 127th
Input impedance: 10MΩ to ground
Screw terminals for voltage

Front view

Current
Channels: (4) differential inputs, AC/DC
Sampling 512 samples/cycle, 16 bit A/D
Range: CT dependent. 1.5Vrms FS, 5A or 1A
Accuracy: 0.1% reading. Does not include CT.
Harmonics: Per IEC 61000-4-7, individual harmonics to the 63rd
Dranetz TR connectors for Flex and clamp-on CT's (sold separately)

Digital Input (optional)
Range: 0 – 200VDC
1KHz sampling, Edge or level triggered
Logic programmed by user (active high or active low)
Timed stamped to the millisecond
Screw terminals

Back view

Memory
4GB internal flash

Monitoring Compliance
IEC61000-4-30 Class A Edition 3 – Certified by an independent laboratory
IEC61000-4-7, IEC61000-4-15
EN50160, NVE, IEEE 1159, IEEE 1453, IEEE 519:2014

Communications
Standard: RJ45 TCP/IP Ethernet, USB
Optional: 3G/4G cellular
Protocols: XML, Modbus TCP, DNP3
Time synchronization: NTP, optional internal GPS or IRIG-B

Instrument Power
90 to 250V AC 50-60Hz
100 to 300V DC
15 minute internal UPS (user replaceable battery)

Environmental
Operating temperature: 0 to 55°C
Humidity: 5 to 95%, non-condensing, indoor use only
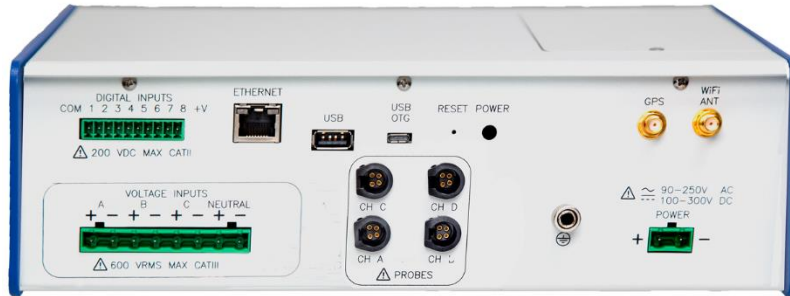
Safety and Compliance
UL, C E, ISO9001

HDPQ-DN-MVSTR Power Quality Package
HDPQ-DN-MVSTR-10PKG

HDPQ-DN-MVSTR

Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's

4 - TR-2510B 1A to 10Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.

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HDPQ-DN-MVSTR Power Quality Package
HDPQ-DN-MVSTR-500PKG

HDPQ-DN-MVSTR

Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's

4 - TR-2500B 10A to 500Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 50mm dia. maximum conductor size.

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HDPQ-DN-MVSTR Power Quality Package
HDPQ-DN-MVSTR-550PKG

HDPQ-DN-MVSTR

Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's

4 - TR-2550B 1A to 100Arms CT

1.5V output, Dranetz Hypertronics connector, 3 meter cable, 15mm dia. maximum conductor size.

HDPQ-DN-MVSTR Power Quality Package
HDPQ-DN-MVSTR-FLEX3KPKG

HDPQ-DN-MVSTR

Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's

1- DRANFLEX3003XLB24 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB24 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

![Dranetz logo] DRANETZ
THE STANDARD FOR ENERGY & POWER MEASUREMENT

HDPQ-DN-MVSTR Power Quality Package
HDPQ-DN-MVSTR-FLEX6KPKG

HDPQ-DN-MVSTR

Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's

1- DRANFLEX6003XLB24 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX6000XLB24 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

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HDPQ-DN-MVSTR Power Quality Package
HDPQ-DN-MVSTR-MFLEX3PKG

HDPQ-DN-MVSTR

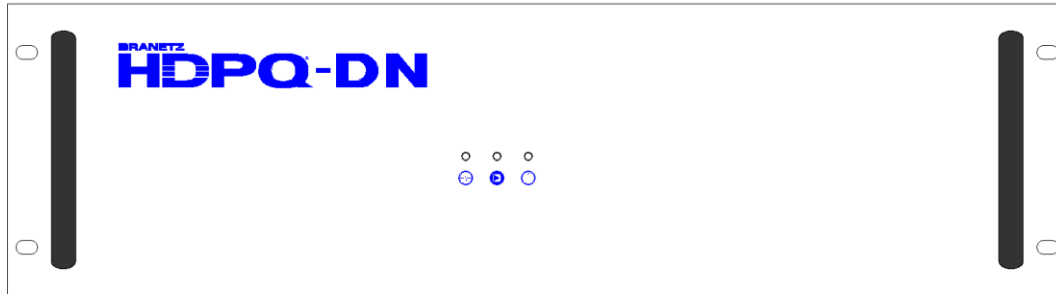Screw terminals for voltage, Dranetz TR connectors for Flex and clamp-on CT's

4 – DRANFLEX300MHB6 Single phase flex probe 3/30/300Amp

3A to 300Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 2" dia. maximum conductor size, 1000V Max rated.

HDPQ-DN Mounting Options

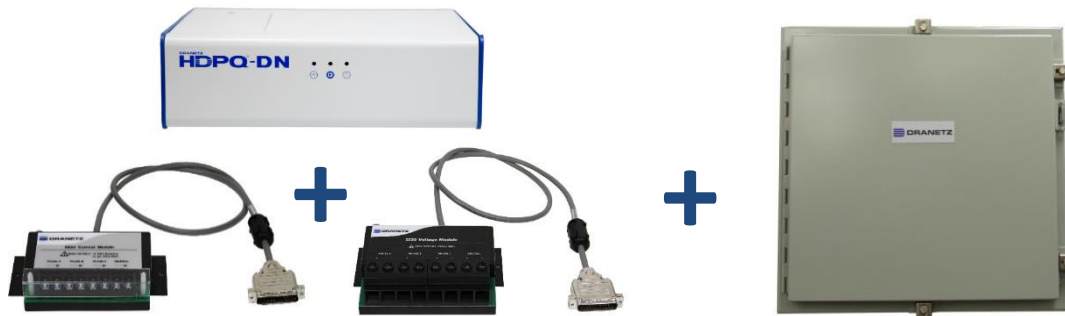## HDPQ-DN-RMTS

HDPQ-DN 19" Rack mount

61BRKTS

61STD Wall mounting Brackets (pair)

HDPQ-DN Enclosure Options

HDPQ-DN-QENCL

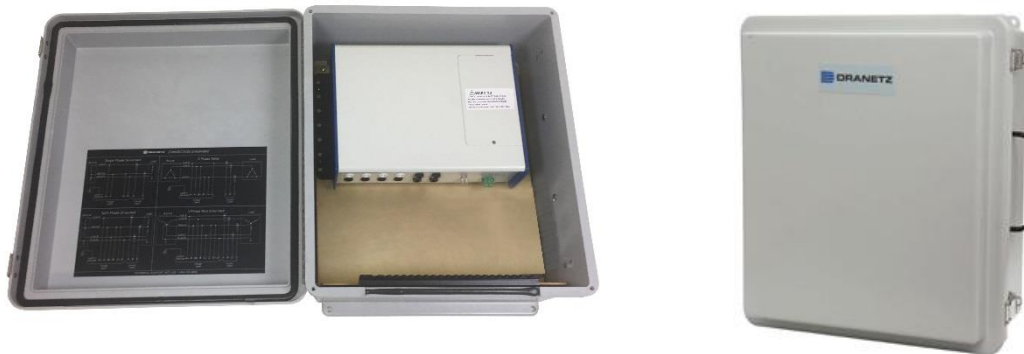
Metal weather resistant enclosure.
Fits one HDPQ-DN mainframe and up to 2 Voltage or Current Pods.
Dimensions:
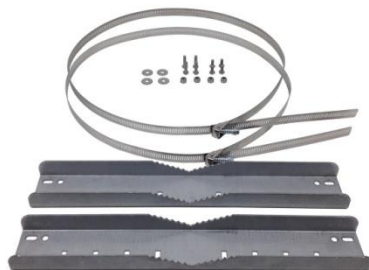20"L x 20"W x 8"D
(50.8cm x 50.8cm x 20cm)

HDPQ-DN-WENCL

Weather resistant enclosure.
Dimensions:
16.75"L x 12"W x 8"D
(42.5cm x 30.5cm x 20cm)

AMPOLEMNT14

61WENCL Pole mount kit.

Voltage Pods

5536 Voltage Pod

5536VPOD

- 4 differential Inputs
- Accepts four 5 - 600 Vrms (AC/DC), 1000 Vpk
- Phase A, B, C voltage, plus neutral to ground
- Neutral to ground voltage range: 0.5 - 20 Vrms (AC/DC)
- Accuracy ±0.1% of reading ±0.05% full scale

5539 Voltage Pod

5539VPOD

- 4 differential Inputs
- Accepts four 5 - 1000 Vrms (AC/DC), 1414 Vpk
- Phase A, B, C voltage, plus neutral to ground
- Neutral to ground voltage range: 0.5 - 20 Vrms (AC/DC)
- Accuracy ±0.1% of reading ±0.05% full scale

Current Pods

5533 Current Pod

5533APOD

- 4 differential Inputs
- Accepts four 0.01-5 Arms, 100 Apk
- Allows pass thru wire up to #10 AWG
- The current tube diameter is 0.215" (5.461mm)
- Accuracy ±0.1% of reading ±0.05% full scale
- 20X over current, High fault current application

5534 Current Pod

5534APOD

- 4 differential Inputs
- Accepts four 0.01-1 Arms, 5A pk
- Allows connection up to #12 AWG wire
- Accuracy ±0.1% of reading ±0.05% full scale

5537 Current Pod

5537APOD

- 4 differential Inputs
- Accepts four 0.01-5 Arms, 25A pk
- Allows connection up to #12 AWG wire
- Accuracy ±0.1% of reading ±0.05% full scale

5538 Current Pod

5538APOD

- Same as 5537APOD with one 'TR' connector for Ch. D
- 4 differential Inputs
- Accepts four 0.01-5 Arms, 25A pk
- Allows connection up to #12 AWG wire
- Accuracy ±0.1% of reading ±0.05% full scale
- Typically for DC Current measurement on a UPS

HDPQ-DN Pod Accessory Cables

TRTO55

TR Type Current cable adapter for
Dranetz clamp & flex CT's

BNCTO55

Current cable adapter with BNC connector

PODEXTKIT

Voltage & Current POD Extension Cable
Requires connector kit + wire (charged per foot) 50 ft
max
116836-G1   Connector kit. One per cable
901084   Wire. Enter # of feet. (50 ft max)

Communication and Time Synchronization Options

GPS Antenna Cable Assembly

61GPSANT10 - GPS antenna 10' cable, only for use on mainframes with GPS receiver.
61GPSANT25 - GPS antenna 25' cable, only for use on mainframes with GPS receiver.
61GPSANT50 - GPS antenna 50' cable, only for use on mainframes with GPS receiver.
61GPSANT100 - GPS antenna 100' cable, only for use on mainframes with GPS receiver.

10BTSTD

10 Base T standard 6' cable

10BTNUL

10 Base T Null 6' cable

HDPQ-DN-WIFI
WiFi Antenna (Optional) – Use for wireless connectivity via a factory-installed WiFi card **(Not user installable)**
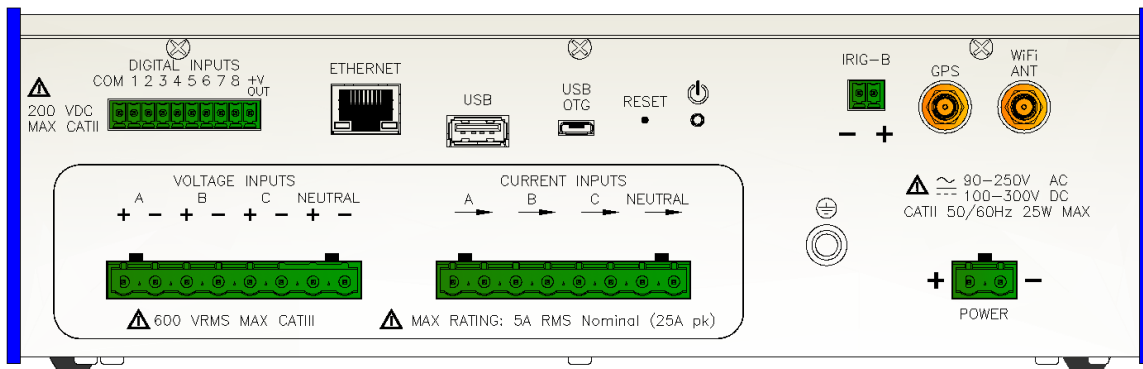
HDPQ-DN GPS
GPS Port (Optional) – Input for GPS antenna for time sync via a factory-installed GPS card **(Not user installable)**

HDPQ-DN IRIG-B Option
IRIG-B Input (Optional) – Use as an external time sync signal via a factory-installed IRIG-B card **(Not user installable)**

HDPQ-DN-MDIN Digital Inputs Option
Digital Input (Optional) – Use to monitor on/off-type digital signals, such as breaker or switch position indicators via a factory-installed Digital Input card **(Not user installable)**

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HDPQ-DN Probe Packages

AC Current 4 Phase Flex Probe Packages, Without Power Supply (For use with Dranetz HDPQ-DN).

MFLEX6PKG-HD

4 – DRANFLEX300MHB6 Single phase flex probe 3/30/300Amp

3A to 300Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 2" dia. maximum conductor size, 1000V Max rated.

FLEX3K24PKG-HD

1- DRANFLEX3003XLB24 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB24 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

FLEX3K36PKG-HD

1- DRANFLEX3003XLB36 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 11" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB36 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 11" dia. maximum conductor size, 1000V Max rated.

FLEX3K48PKG-HD

1- DRANFLEX3003XLB48 Three phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 17" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX3000XLB48 Single phase flex probe 30/300/3000Amp

3A to 3000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 17" dia. maximum conductor size, 1000V Max rated.

FLEX6K24PKG-HD

1- DRANFLEX6003XLB24 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX6000XLB24 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 8" dia. maximum conductor size, 1000V Max rated.

FLEX6K36PKG-HD

1- DRANFLEX6003XLB36 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 11" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX6000XLB36 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 11" dia. maximum conductor size, 1000V Max rated.

FLEX6K48PKG-HD

1- DRANFLEX6003XLB48 Three phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 17" dia. maximum conductor size, 1000V Max rated.

1- DRANFLEX6000XLB48 Single phase flex probe 60/600/6000Amp

6A to 6000Amp (3 ranges), 1.5V output, Dranetz Hypertronics connector, 17" dia. maximum conductor size, 1000V Max rated.

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HDPQ-DN Battery and Optional Power Cords

BP-HDPQ-DN (Standard Accessory)

Battery for HDPQ-DN.

HDPQ-DN-PWR-US

HDPQ-DN US Power Cord. (Optional Accessory)

HDPQ-DN-PWR-EU

HDPQ-DN Euro Power Cord. (Optional Accessory)

HDPQ-DN-PWR-UK

HDPQ-DN UK Power Cord. (Optional Accessory)

HDPQ-DN-PWR-AU

HDPQ-DN AU Power Cord. (Optional Accessory)

HDPQ-DN Measurement Accessories

VCS-HDPQ Voltage Cable Set (Standard Accessory)

Voltage cable set with 4mm connectors.
Compatible with portable and permanent systems with 4mm voltage connectors.
Includes:
• 8 - *Six ft. (183cm) measurement cables:*
  4 Black (901963), 4 White (900370)
• 4 - *White alligator clips (901962)*
• 4 - *Black alligator clips (901794)*
• 4 - *Black 25 cm stackable jumpers (114013-G1)*
• *Current and Voltage Wire Marking Kit (WMI-KIT, WMV-KIT)*

CVCS-HDPQ Color Voltage Cable Set

Color Voltage cable set with 4mm connectors.
Compatible with portable and permanent systems with 4mm voltage connectors.
Includes:
• 11 - *Six ft. (183cm) measurement cables:*
  4 White (900370), 1 RED (902159-LF), 1 YELLOW (902160-LF), 1 GRAY (902161-LF),
  1 BROWN (902162-LF), 1 BLUE (902163-LF), 1 ORANGE (902244-LF) and
  1 GREEN (902245-LF).
• 4 - *White alligator clips (901962)*
• 4 - *Black alligator clips (901794)*
• 1 - *Green alligator clip (902246-LF)*
• 4 - *Black 25 cm stackable jumpers (114013-G1)*
• 1 – *Color Ring Label Set (4 white, 4 red, 4 yellow, 4 gray, 4 brown, 4 blue, 4 orange and 4 green)*

WMI-KIT

Wire Marker kit for Current Probes, Snap-on, .218 DIA.

WMV-KIT

Wire Marker kit for Voltage Cables, Snap-on, .138 DIA.

WMFV-KIT

Wire Marker kit for Fuse Voltage Kit, Snap-on, .138 DIA.

CL-KIT-HDPQ

HDPQ colored V/I channel label Kit.

White Alligator Clip 901962
(Standard Accessory)

Black Alligator Clip 901794
(Standard Accessory)

Green Alligator Clip 902246-LF
(Supplied with CVCS-HDPQ)

114013-G1 (Standard Accessory)

• 1 - *Black 25 cm stackable jumpers*

FVA-1K1 Single Fuse Voltage Adapter

In-line fuse adapter for one voltage channel, 4mm connector, 1000V MAX.
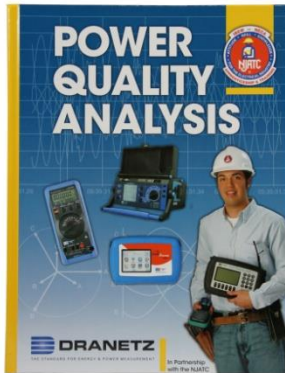*Compatible with portable and permanent systems with 4mm voltage connectors.*

FVA-1K4

Set of 4 in-line fuse adapters, 4mm connector, 1000V MAX.
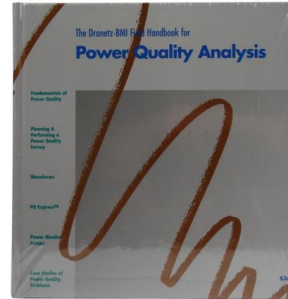*Compatible with portable and permanent systems with 4mm voltage connectors.*

Dranetz Library

Power Quality Analysis

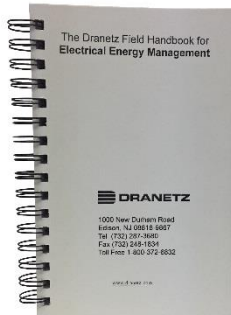
HB114416 Written in partnership with the NJATC, 228 pages.

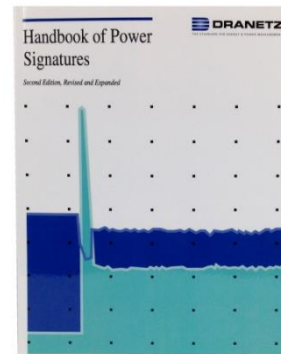## The Dranetz Field Handbook for Power Quality Analysis

HB114414-S Learn the methodology for a successful power monitoring survey, as well as how to establish and maintain a power quality program, 283 pages.

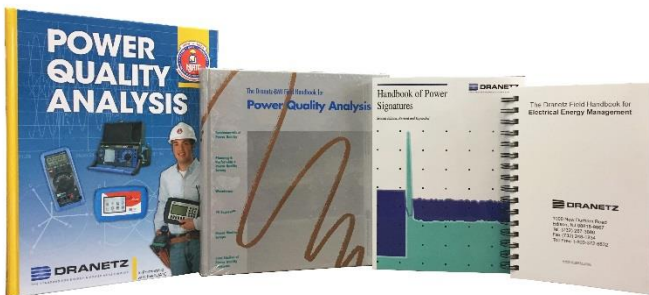## The Dranetz field handbook for electrical energy management

HB114415 This handbook explores proven energy management techniques useful in a variety of applications.

Handbook of Power Signatures

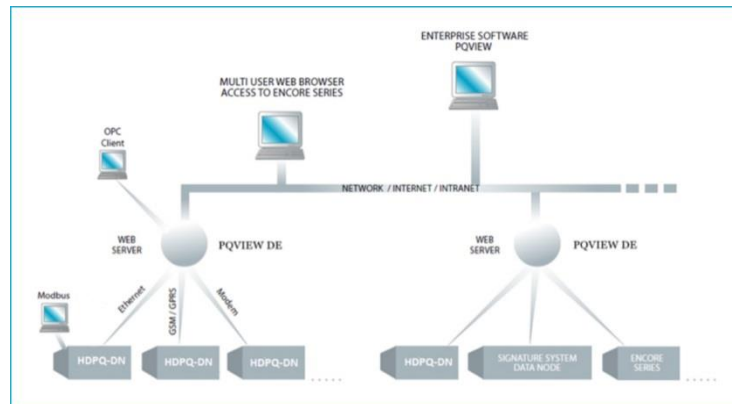**A-010S** Learn to interpret and solve AC power problems, 290 pages.

Handbook Set

All 4 of the above handbooks.

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Permanent Equipment Software

PQView DE ® Software

PQView DE ®

PQView DE ® is a web-based, advanced, intelligent software that is both a system controller and a user interface for your entire monitoring system. PQView DE ® can be used in any application, from small systems with a few instruments to very large multi-point, facility-wide or utility monitoring. PQView DE ® automatically communicates with each instrument in your system via all supported communications methods to download and store data. PQView DE ® is also a password-protected web server that acts as the gateway to your Dranetz monitoring system. All user interactions with the system such as trending, reports, real-time and setups are done using a web browser with connectivity to the system. PQView DE ® has a modern responsive web interface which is fully compatible with most computers, laptops, tablets and smartphones. The multi-user interface allows co-workers, engineers or consultants simultaneous access to analyze and share data and reports within a familiar web environment.

Web Enabled Interface

PQView DE ® has an easy to use, password-protected web browser interface. *All interactions with the system can be completed using any web browser, such as Microsoft Edge or Mozilla Firefox.* Not only is it easy to use, the web browser environment allows for multi-user access to your monitoring system from any computing device for any authorized user with access to the communications network. Trends, data lists, real-time views and reports are just a few mouse clicks away. Information can be easily shared and exported to Word, Excel, PQView and other software packages.

Performance Evaluations

By combining multiple modules or instruments, Dranetz intelligently monitors and evaluates diverse equipment and power system performance parameters to evaluate the performance and health of your power system for applications such as:
UPS — Encore monitors both input and output to continually evaluate the health of a UPS to ensure it operates correctly and to manufacturer specifications.
System Reliability — Gain a clear indication of power system reliability by simultaneously evaluating power quality of multiple circuits on an ongoing basis.
Predictive Maintenance — Continuous, proactive monitoring allows for benchmarking, which provides a statistical evaluation, enabling you to reduce operating and maintenance costs, including determining when maintenance is really needed, rather than just on a routine schedule basis.

Intelligence

The combined knowledge of Dranetz and its sister company, Electrotek Concepts, gives our monitoring systems the intelligence to perform advanced characterization of events. You receive a clear and simple explanation of an event with in-depth analysis. Unique AnswerModules® perform advanced analysis and provide answers to more difficult power quality events through an intuitive user interface. Answer Modules interpret data, making every user an expert. Answer Modules are available for every industry and include: Sag Directivity, PF Correction Capacitor detection/directivity.
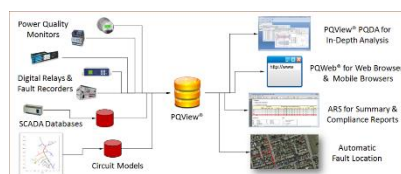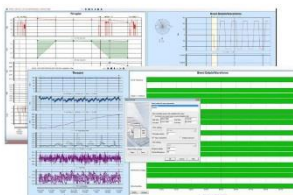
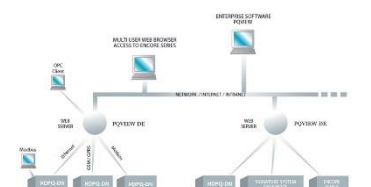THE STANDARD FOR ENERGY & POWER MEASUREMENT

The Standard for Energy & Power Management

HDPQ-SP

HDPQ Plus

Fixed Systems

Dranetz Measurement Accessories

DRAN-VIEW 7 ®

PQView ®

PQView DE ®

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