

Energy Platform EP1



Measured Parameters

Volts, Amps, Watts, Volt-Amperes, Volt-Amperes Reactive, TruePower Factor, Displacement Power Factor Demand, Energy, Forward Energy, Reverse Energy Harmonics & Interharmonics Per IEC 61000-4-7 THD/Harmonic Spectrum, TID/Interharmonic Spectrum (V, I, W) to 63rd Crest Factor, K Factor, Transformer Derating Factor, Telephone Interference Factor

Measurement Specifications

(4) Voltage Channels, 1-600 Vrms, AC/DC, 0.1% rdg + 0.05% FS, 256 s/c, 16 bit ADC
CH A, B, C Single Reference, Ch D Differential.
(4) Current Channels, 1-6000 Arms, CT Dependent, AC/DC, 256 s/c, 0.1% rdg + CTs, 16 bit ADC
W, VA, VAR: 0.2% rdg, +/- 0.1% FS. Per phase + CT's
Frequency Range: 45-65 Hz, PLL, 10 mHz resolution
Vthd, Ithd: 1% rdg, +/- 0.05% FS. Per channel + CT's

General Specifications

Display: 1/4 VGA Color touch interface
AC Power Supply/Charger: 90-264VAC, 47-63Hz; 20W max
2 hour rechargeable battery.
Size: (HxWxD): 12" x 2.5" x 8" (30cm x 6.4cm x 20.3cm)
Weight: 3.8 lbs (1.8kg)
Operating temperature: 0 to 50 degrees C
Storage temperature: -20 to 55 degrees C
Humidity: to 98% non-condensing
Memory options: 4 gigabyte removable Compact Flash Card

Languages

English, Spanish, German, Swedish, French, Italian, Finnish, Polish, Chinese (Simplified and Traditional), Japanese, Korean, Thai

Optional Accessories

Energy Platform packages include everything you need to get started and include a CF memory card, EPRW software, voltage cables, clamp or Flex CT's. Other accessories available separately include:

Dran-View Software

Dran-View PRO
Dran-View Enterprise

Clamp-On Probes

Model TR2501B - 100ma - 1.2A
Model TR-2510B - 0.1A - 10A
Model TR2550B - 1A - 100A
Model TR2500B - 10A - 500A

Flexible Current Probes - Available in 24", 36", and 48"

DranFlex 3000XLB 1 Phase 30/300/3000A
DranFlex 6000XLB-1 Phase 60/600/6000A
DranFlex 30003XLB-3 Phase 30/300/3000A
DranFlex 60003XLB-3 Phase 60/600/6000A

Flexible Current Probes - Available in 6", 8", 12"

DranFlex 300 MH-1 Phase 3/30/300A

DC/AC Hall Effect CT's

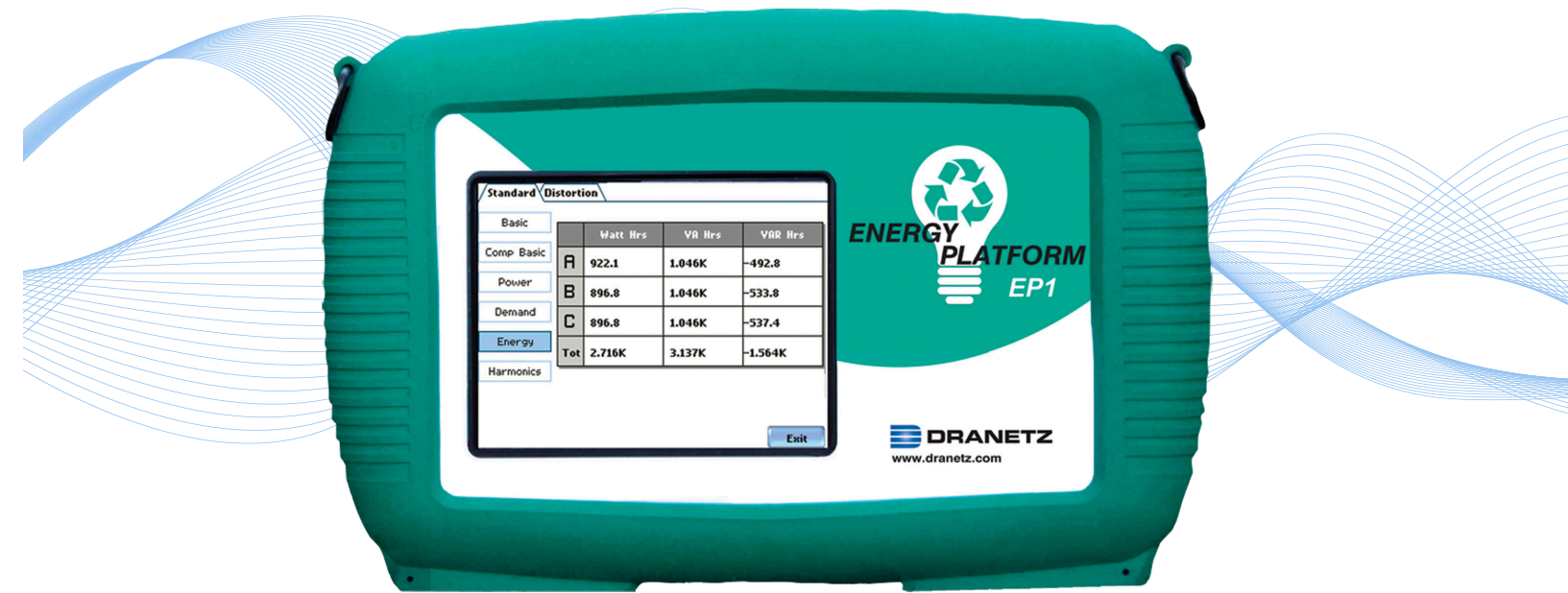
PR150/SP1/SP2-150A AC/DC, AC or 9V battery power
PR1500/SP7/SP8-1500A AC/DC, AC or 9V battery power

Power supplies sold separately

BP-PX5 - Field Replacement Battery Pack
SCC-4300 - Soft Carrying Case
RSC-PX5 - Rugged Shipping Container
ENCL-HH - Weather Resistant Enclosure
Flash Reader-USB - US CF Memory Card Reader

Energy Platform EP1

Handheld Electrical Energy and Power Demand Analyzer



Advanced Demand, Energy, Harmonics, and Power Analysis

Energy Platform EP1 Packages			
3 CT's with Dran-View Pro for EP1		4 CT's without Dran-View	
10A Clamp	DBEP10-3DV	10A Clamp	EP10-4
100A Clamp	DBEP550-3DV	100A Clamp	EP550-4
500A Clamp	DBEP500-3DV	500A Clamp	EP500-4
3000A Flex	DBEPFLEX3K-3DV	3000A Flex	EPFLEX3K-4
6000A Flex	DBEPFLEX6K-3DV	6000A Flex	EPFLEX6K-4

