

## Hioki Power Logger



- No Metal Contact Voltage Sensors - Use on Insulated Wires
- Current Sensor Options from 500mA to 5000A Full Scale
- 3 Voltage and 3 Current Inputs
- Leakage Current Measurement
- Graphical Color LCD Display
- Battery or AC Powered
- PC & LAN Connectivity

**PW3365-20**

### SPECIFICATIONS

System:	1 $\phi$ 2W, 1 $\phi$ 3W, 3 $\phi$ 3W2E, 3 $\phi$ 3W3EY; 3 $\phi$ 4W (I only)
AC Voltage:	5-520V (750V peak)
AC Current:	5-110% of clamp-on sensor range
Power Range:	200.00W to 6.0000MW
V/I Measurement:	RMS value, fundamental wave value, waveform peak (absolute value), fundamental phase angle, frequency
Power Measurement:	Active/reactive/apparent, power factor (with lag/lead) or displacement power factor (with lag/lead), active energy (consumption, regeneration, regeneration), reactive energy(lag, lead), energy cost
Demand Measurement:	Active power demand value (consumption, regeneration), reactive power demand value (lag, lead), active power demand quantity (consumption, regeneration), reactive power demand quantity (lag, lead), power factor demand value
Leakage Measurement:	1 channel w/leakage sensor on 1 $\phi$ 3W or 3 $\phi$ 3W2E sys.
Sample Rate:	10.24kHz (16 bit A/D)
Record Interval:	1/2/5/10/15/30 sec, 1/2/5/10/15/20/30/60 min
Accuracy:	Voltage: $\pm 1.5\%$ rdg + 0.2% f.s. Current: $\pm 0.3\%$ rdg + 0.1% f.s. + clamp error Active Power: $\pm 2.0\%$ rdg + 0.3% f.s. + clamp error
PT & CT Ratio:	Field selectable
Voltage Sensor:	Fits 6-30mm wire diameter
Display:	3.5" TFT color LCD (320x240)
SD Memory:	2G card stores up to 1 yr of data at 1 min interval
Interfaces:	USB 2.0, 10Base-T/100Base-TX IEEE802.3 HTTP
Internal Battery:	7.2V NiMH provides 5 hr operation, 6 hr recharge
AC Adapter:	100-240VAC (50/60Hz), 45VA
Dimensions:	7.1"W x 3.95"H x 2.7"D (180x100x68mm)
Supplied Accessories:	4 voltage sensors, AC adapter, USB cable, spiral tubes

### ORDERING INFORMATION

HK/PW3365-20	Power Logger with 4 voltage sensors
HK/9694	Clamp-on Sensor, 500m/1/5/10/50A AC, 15mm lead dia
HK/9660	Clamp-on Sensor, 5/10/50/100A AC, 15mm lead dia
HK/9661	Clamp-on Sensor, 5/10/50/100/500A AC, 46mm lead dia
HK/9669	Clamp-on Sensor, 100/200/1kA AC, 55mm lead dia
HK/CT9667-01	Flex Sensor, 50/100/500/1k/5kA AC, 100mm lead dia
HK/CT9667-02	Flex Sensor, 50/100/500/1k/5kA AC, 180mm lead dia
HK/CT9667-03	Flex Sensor, 50/100/500/1k/5kA AC, 254mm lead dia
HK/9657-10	Clamp-on Leakage Sensor, 50mA-5A AC FS, 40mm dia
HK/SF1001	Power Logger Viewer Software, Win XP/Vista/7/8
HK/C1008	Carrying Case

## Extech 3-Channel Dataloggers

- Measures mV or mA
- Triple LCD simultaneously displays three channels
- Selectable data sampling rate: 2, 5, 10, 30, 60, 120, 300, 600 seconds or Auto
- Records time and date with each reading
- Readings stored on an SD card in Excel® format for easy transfer to a PC



**SD900**

### SPECIFICATIONS

	Range	Max. Resolution
SD900	0 to 20mA	0.01mA
SD910	300.0mV, 3000mV	0.1mV, 1mV
Basic accuracy:	$\pm(0.5\% + 2 \text{ digits})$	
Memory:	Approx. 2.7M readings using 4GB SD memory card	
Power:	6 AA batteries or AC adapter	
Dimensions (WxHxD):	5.2 x 3.1 x 1.3" (132 x 80 x 32mm)	

Complete with six AAA batteries, SD memory card, Universal AC Adaptor, 3 input connect sockets, and mounting bracket.

### ORDERING INFORMATION

EX/SD900	3-Channel DC Current Datalogger
EX/SD910	3-Channel DC Voltage Datalogger

## Extech Vibration Dataloggers

- Remote vibration sensor with magnetic adapter on 47.2" (1.2m) cable
- Wide frequency range of 10Hz to 1kHz
- RMS, Peak Value or Max Hold modes
- Adjustable data sampling rate 1-3600 seconds
- Offset adjustment used for zero function to make relative measurements
- Large backlit LCD
- Stores 99 readings manually and continuous datalogging via SD memory card
- Min, Max, Max Hold, Data Hold
- Auto power off with disable



**SDL800**

### SPECIFICATIONS

Acceleration:	656ft/s <sup>2</sup> , 200m/s <sup>2</sup> , 20.39g
Velocity:	7.87in/s, 200mm/s, 19.99cm/s
Displacement:	0.078in, 2mm (peak-to-peak)
Resolution:	1ft/s <sup>2</sup> , 0.1m/s <sup>2</sup> , 0.01g; 0.01in/s, 0.1mm/s, 0.01cm/s; 0.001in, 0.001mm
Basic accuracy:	$\pm(5\%+2 \text{ digits})$
Memory:	20M data records using 2G SD card
Dimensions	7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm)

Complete with remote sensor, magnetic mount, AA batteries, SD card, and hard carrying case. VB500 includes 3 additional sensors and AC adapter.

### ORDERING INFORMATION

EX/SDL800	Single Channel Vibration Meter/Datalogger
EX/VB500	4-Channel Vibration Meter/Datalogger