

# METSyS 3 Phase Current Logger

The data logger provides automated non-intrusive acquisition of three-phase AC current measurements, with data storage in internal non-volatile internal memory. The data can be easily transferred to a computer via a USB memory stick for later analysis



## Electrical Characteristics

Measuring Range .....	: 2500 A AC RMS
Overload Capability .....	: 10000 A
Accuracy (45-65Hz) .....	: ± 1% of reading ± 1A
Position Sensitivity .....	: ± 2.5%
Resolution .....	: ± 1A
Temperature Coefficient .....	: ± 0.05% of reading / °C
Power Supply .....	: Internal Rechargeable Lithium-Ion battery
Battery Life .....	: 100 hours typical
Changing Voltage .....	: Via USB micro-B (5V,100mA)
Working Voltage (see Safety Standards section) .....	: 600 V AC <sub>RMS</sub> or DC

## Enclosure

Material .....	: ABS
Dimensions .....	: 160 (l) x 80 (w) x 45 (d) mm

## Probe

Probe Conductor Diameter .....	: 100mm (4 inches), double insulated
Probe Diameter .....	: 6mm (0.24 inches)
Degree of Protection .....	: IP67 (not certified by UL)

## General Characteristics

Display .....	: Back lit 2 line alpha numeric display
Log Intervals .....	: 10s, 30s, 1m, 2m, 5m, 10m, 15m, 30m, 60m.
Log Duration .....	: 1, 3, 8, 24, 48, 72, Unlimited (Max 1 year @ 10s)
Data Transfer .....	: Via USB memory stick (FAT 32)
File Format .....	: Comma separated values file (.CSV)
Operating Temperature Range .....	: -20 to +65 °C (-4°F to +149°F)
Storage Temperature Range .....	: -40 to +85 °C (-40°F to +167°F)

ROHS and WEEE compliant

Rated for continuous use

**AUTHORIZED DISTRIBUTOR**



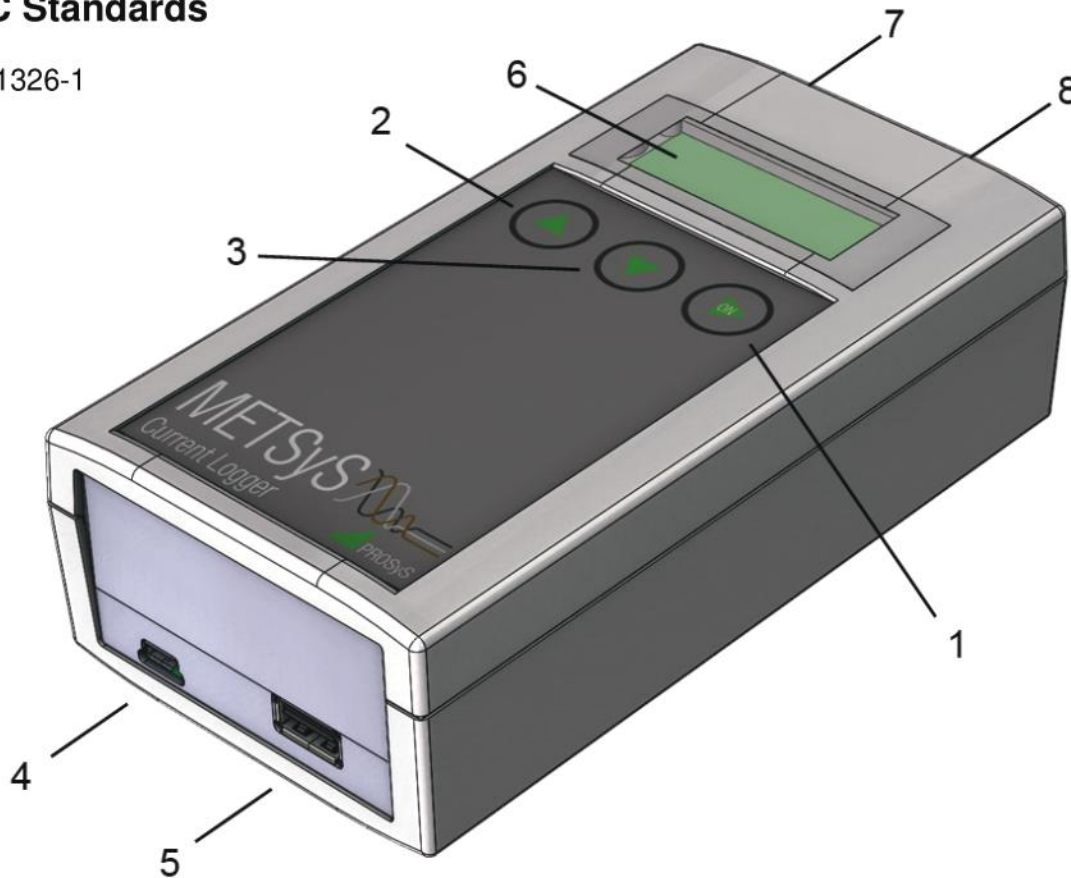
## Safety Standards

EN 61010-1  
EN 61010-2-032

600 V<sub>RMS</sub>, Category IV, Pollution Degree 2

## EMC Standards

EN 61326-1



### Main Instrument Features

1. On/Enter button
2. Up button
3. Down Button
4. Charging Socket (USB micro-B)
5. Memory Stick Socket (USB A)
6. Display
7. Probe Socket (10-pin)
8. Energy Harvesting Socket (3-pin)

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POWERetc Corporation  
Santa Clara, CA 95054  
(408) 540-3199

[www.poweretc.com](http://www.poweretc.com)  
[info@poweretc.com](mailto:info@poweretc.com)

