

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	: 4000 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 _{RMS} 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



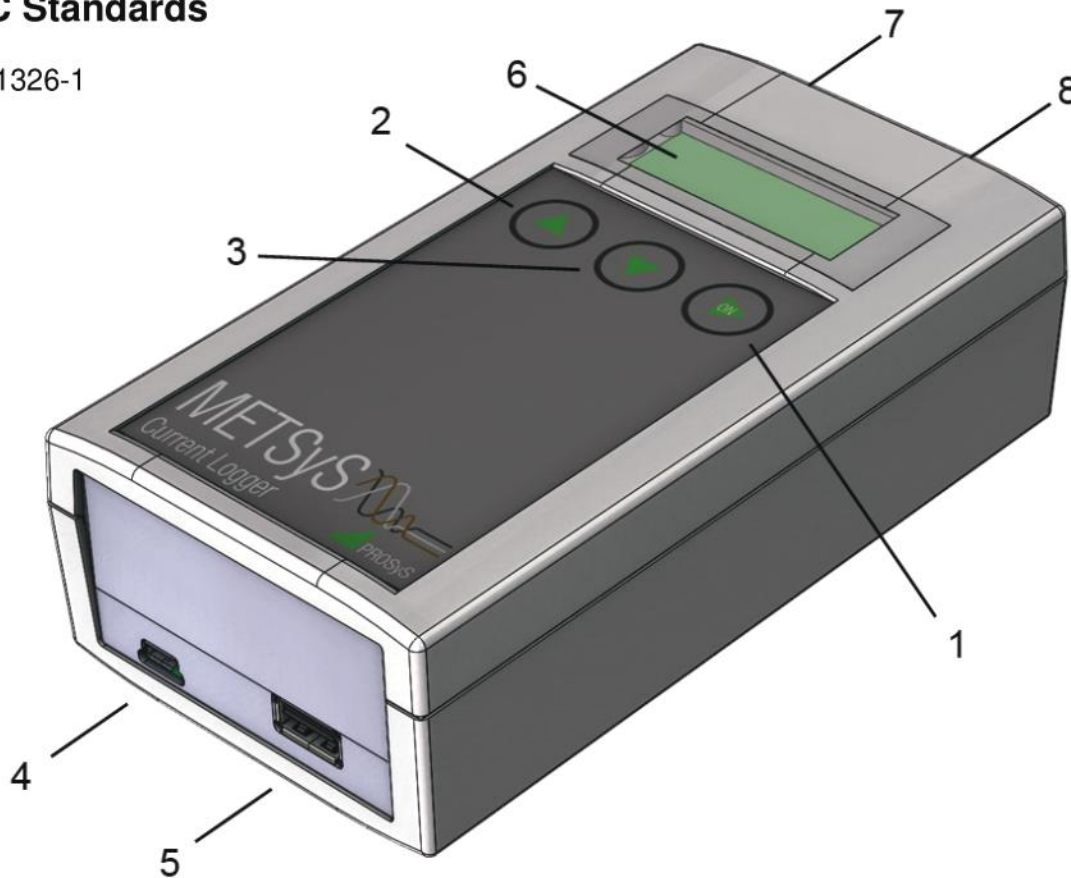
Safety Standards

EN 61010-1
EN 61010-2-032

600 V_{RMS}, 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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