

iTRACK

Metering and Monitoring System



Energy Conservation Solutions
'our promise, you'll save'



Designed to help you save



Intelligent energy management makes good business sense

The power to control your energy is the power to improve your business performance

Introducing **iTRACK, subscription based Software as a Service (SaaS) energy management and monitoring solution**, from Energy Conservation Solutions. Gain visibility and control over your business's energy consumption through our cloud-based platform, accessible from anywhere at any time via any web browser.



User interface

Hub

ECS can help you gain visibility of your facility's energy usage through our easy-to-use platform, monitoring in real time for a better understanding of what equipment is consuming energy - when, where and how much.



iTRACK METERING AND MONITORING SYSTEM



Visibility

- Collects independent electricity data, from multiple sources and presents on a single platform
- Benchmark performance across multiple sites
- Identify trends using data captured every 15 minutes
- Measure improvements



Optimal energy savings

- Set alerts to reduce your peak demand and save on your energy bills
- Confirm reduction in consumption from energy saving initiatives



Reporting

- Web based dashboard for report generation, benchmark setting and performance measurement
- Email notifications
- Convert to CSV files



Installation

- System ready platform
- Plug and play CT meters
- Single and three phase mains configuration
- Wireless connectivity
- IP rated enclosure available



Expandability

- Multiple units can be linked to the one web browser



System configuration

- Pre-configured



SPECIFICATIONS

TECHNICAL

Voltage sensor: 85-264V line to neutral or line to line AC voltage sensing

Current sensor: Maximum 60 Amp for standard sensor (100-1000 Amp options available)

Relay control port voltage: 12VDC

Max relay current draw: 20 Amp

COMMUNICATIONS PROTOCOL

3G Telstra and ZigBee communication capability

INTERFACE

Free mobile app and online dashboard (Android and Apple compatible)

EQUIPMENT

SMART HUB

ECS200I-505	iTRACK energy management hub
ECS20E2-506	Outdoor enclosure
ECS200W-506	iTRACK energy management hub with outdoor enclosure

CURRENT CLAMPS

ECS0601-060	Current clamp 60 Amp
ECS201-062	Current clamp 120 Amp
ECS2001-064	Current clamp 250 Amp
ECS501-065	Current clamp 600 Amp
ECS6001-066	Current clamp 1000 Amp

TEMPERATURE PROBES

ECSTSA201-20	Analogue temperature probe 20m
ECSTSD201-21	Digital temperature probe 20m
ECSTSD401-21	Digital temperature probe 40m

BYPASS SWITCH

ECSISSWI-096	Internal bypass switch
ECSISSWE1-095	External bypass switch

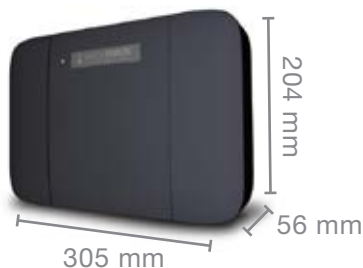
BYPASS SWITCH ENCLOSURE

ECSENC4P1-070	External bypass switch enclosure 4 pole
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ANTENNA EXTENSIONS

ECSAN50C1-013	10dB Antenna 50cm antenna extension
ECSAN01M1-014	10dB Antenna 1m antenna extension
ECAAN02M1-015	10dB Antenna 2m antenna extension
ECSAN10M1-020	10dB Antenna 10m antenna extension

ECS200i



ECS200i Enclosure

