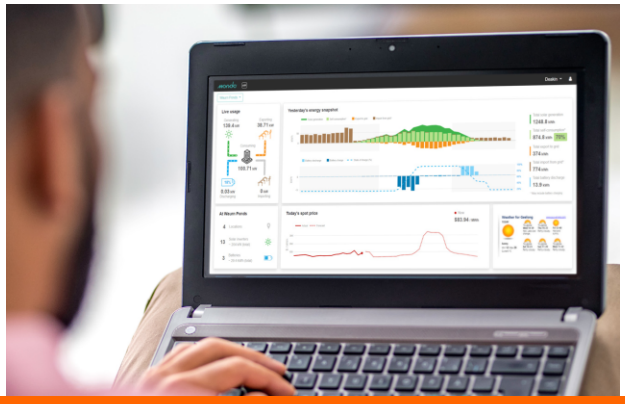
selectronic

Mondo Ubi 3 SCERT



In today's digital age, immediate access to real-time information is no longer a luxury, it's a necessity. Presenting Ubi 3 SCERT, a cutting edge remote monitoring portal designed exclusively for Selectronic SP PRO solar power systems.

SELECTRONIC CERTIFIED

Key Features:

Cybersecurity: Data servers are based here in Australia. These systems are maintained by local teams giving you the piece of mind from potential foreign threats.

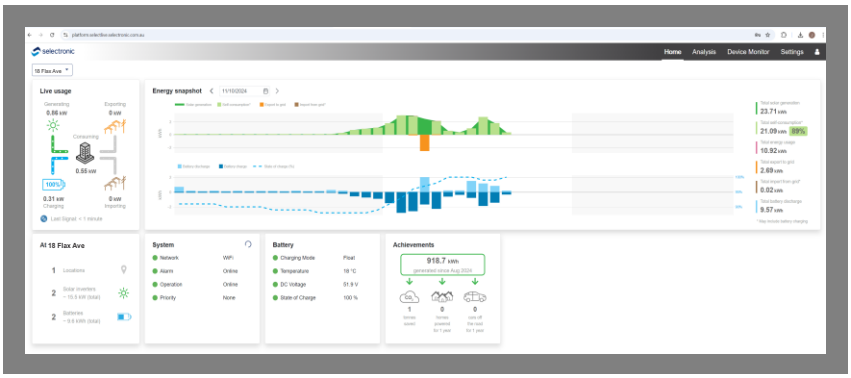
Real-time Monitoring: You're always in the loop about your system's performance.

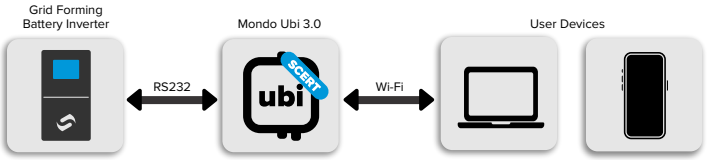
Remote Assistance: Grant your system installer access for advanced diagnostics, ensuring top-notch performance without the need for onsite visits.

Communications: The Ubi3 is integrated & vetted through the Selectronic Certified program. This platform integrates with your SP PRO and other system components such as the solar inverter, batteries, and generator.

Product Highlights:

Dashboard	User-friendly navigation with animated interface
Power Insights	Real-time power flow of the SP PRO system
Historical Data	Visualization of Energies, Battery states, and more.
Cloud Connection	Safely stored and easily accessible on the cloud.
Alert Overview	Be informed of any system alert events
Eco-Metrics	Track your contribution in CO2 emission reductions
Device Versatility	Responsive Web Portal – On Any Device
Compact Design	Small, lightweight & Wall-mounted unit
Installer Interface	SP LINK
Compliance	SP PRO to be compliant with Emergency Backstop & CSIP Aus.





General Data

Operating Voltage (phase voltage range)	230/415V AC (100 - 264V)
Frequency (frequency range)	50Hz (49 - 51Hz)
Average power consumption	10W
Maximum power consumption	0.07A/0.07A (230/415V AC)
Dimensions (height x width x depth)	332 x 314 x 68mm (excluding antennas) - 436 x 314 x 68mm (including standard antennas)
Weight	2.1kg
Degree of protection	IP54
Cooling	Passive (natural convection)
Installation	Indoor and outdoor
Operating temperature range	-10 to +60°C
Humidity range	0 to 95% Non-Condensing
Mains connection type	Screw terminal up to 6mm²
Metering connection type	Screw terminal up to 6mm² / 0 - 5A Current Transformer Input
Standards Compliance	AS 60529 AS/NZS 60950.1: 2015 AS 62053.22: 2005 AS 62052.11: 2005 AS/NZS CISPR 22 RCM AS/CA S042.1:2019 EN/IEC 61010-1:2010 IEC 6100-4-2 IEC 6100-4-3 IEC-6100-4-4 IEC-6100-4-5 IEC-6100-4-6 IEC-6100-4-12 AS/CA S042.4:2018 ACMA EMR Standard 2014
Classification (ITE)	Class B
Security	Main PCB Cover Removal Tamper Detection - Front Cover Security Seal (Optional)

Communications

Wi-Fi	65Mbps 2.4GHz IEEE 802.11 b/g/n
Ethernet	10/100Mbps IEEE802.3
Serial	1x RS232 - RS485 - Not Available
Universal Serial Bus	1x USB 2.0
Demand Response Enabled Device (DRED)	1x AS/NZS 4755 compatible DRED Interface
Data Modes	Normal Data Mode - 5 second data recordings aggregated to a single reading over 5 minute period, transmitted every 5 minutes

System Functions

Solar and Battery Inverter Monitoring	Monitor inverter status - Monitor error codes - Read battery level and charge status Read consumption and generation - Earth Fault Monitoring

Platform Features

Data Visualisation	Intuitive, live dashboards - Real-time energy data – Demand (kW, kVA), Voltage (V) and Power Factor (PF) by Phase - Live solar data – Generation & Export - Multi-site management Dynamic charts and graphs – drill down functionality - Battery charge state
Data Access	Primary and aggregated data - CSV export options
Security	Role based user access - Data encrypted at rest and in transit Periodic Penetration Testing - Secured password vault for storing access credentials Multi Factor Access required for admin level access to hosting environment