

Insight Energy Management

for solar and storage systems



Powerful yet simple, Insight is Schneider Electric's energy management ecosystem for solar & storage. It provides intuitive mobile and web-browser based interfaces for homeowners and professionals alike.

Take command

- Take control of your energy management decisions, such as which energy source you use at different times of the day
- Optimize energy consumption based on time of use rates and demand charges

Flexible

- Built-in wireless access point (WAP) connectivity for easy configuration (wirelessly connect a laptop or mobile device)
- Built-in wireless station mode for connection to a local area network
- Li-ion battery integration for flexible design and easier configuration

Easy to service

- Upgrade InsightHome, InsightFacility and other Schneider Electric solar & storage devices' firmware through Insight mobile or web apps
- Remotely manage system settings and firmware updates from InsightCloud or InsightMobile App



Insight for homeowners

- Access from anywhere via cloud, local or mobile apps
- Monitor energy production and consumption in real-time
- See your money-savings and reduction in carbon emissions





Insight for professionals

- Manage your portfolio of installations at your fingertips
- Reduce site visits by 50% thanks to the powerful remote management features
- Simplify solar and storage system configuration using web-based or Modbus

Access at insightcloud.se.com
or download on your mobile!



InsightHome and InsightFacility

| | InsightHome | InsightFacility |
|---------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| |  |  |
| Monitoring and Control | | |
| Monitor through local network | ● | ● |
| Monitor from anywhere using InsightCloud or InsightMobile app | ● | ● |
| System commissioning (startup) local and anywhere | ● | ● |
| Access to live and historical data | ● | ● |
| Firmware | | |
| Remote firmware update | ● | ● |
| Network | | |
| Wireless LAN | Intermediate range | Long range |
| Xanbus & Modbus | | |
| Number of Xanbus port | 1 | 2 |
| Number of Modbus port | 1 | 2 |
| Powered by Xanbus network | ● | ● |
| Modbus 485 | ● | ● |
| Physical Specifications | | |
| Mounting method | Wall mounting | DIN rail |
| System Size | | |
| Installation size | Up to 25.5 kW Storage | Up to 3 MW Solar or 50 kW Storage |

Technical Specifications

| | InsightHome | InsightFacility |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Specifications | | |
| Power consumption | 2 W average / 10 W peak | 2 W average / 10 W peak |
| Xanbus | When connected to Conext XW Pro / SW, MPPT 100 600 or MPPT 80 600 providing network power | When connected to Conext XW Pro / SW, MPPT 100 600 or MPPT 80 600 providing network power |
| AC/DC adapter (option) | Input: 100-240V AC, 50-60Hz, 0.48A, Output: 12V DC, 1.6A, 5.5mm outer, 2.1mm center-positive jack * A SELV adapter is required. | Input: 100-240V AC, 50-60Hz, 0.6A, Output: 12V DC, 1.5A, 5.5mm outer, 2.1mm center-positive jack * A SELV adapter is required. |
| Physical Specifications | | |
| Part number | 865-0330 | 865-0335 |
| Product weight | 220 g (0.5 lb) | 330 g / 0.73 lb |
| Product dimensions (W × H × D) | 132 x 75 x 41 mm / 5.2 × 3.0 × 1.6 inches | 137 x 130 x 48 mm / 5.4 × 5.1 × 1.9 inches |
| Shipping package weight | 724 g / 1.6 lbs | 724 g / 1.6 lb |
| Shipping package dimensions (W x H x D) | 158 × 158 × 188 mm / 6.2 × 6.2 × 7.4 inches | 190 × 158 × 100 mm / 7.5 × 6.2 × 3.9 inches |
| Housing / mounting system | ABS Plastic / Wall mounting | ABS Plastic / DIN rail |
| IP rating / mounting location | IP 20, NEMA 1, Indoor only | IP 20, NEMA 1, Indoor only |
| Status display | 1 x LEDs | 3 x LEDs |
| Temperature | Operating: 32 to 113 °F / 0 to 45 °C Storage: -40 to 185 °F / -40 to 85 °C | Operating: -4 to 122 °F / -20 to 50 °C Storage: -40 to 185 °F / -40 to 85 °C |
| Humidity | Operating: < 95%, non-condensing Storage: <95% | Operating: < 95%, non-condensing Storage: <95% |
| Features | | |
| Programmable dry contact relay | Screw 3-terminal, 16-24 AWG, NC-Com-NO, Form: Class 2, 24 V DC, 4 A max SELV input only | |
| Graphical user interface | Internet browser | |
| Remote firmware upgrades | Yes | |
| Max. number of Xanbus devices | Up to 6 units for XW Pro (4 in parallel or 6 in 3-phase) | |
| Regulatory | | |
| EMC immunity | EN61000-6-1 | |
| EMC emissions | EN61000-6-3, FCC Part 15 Class B, Ind. Canada ICES-003 Class B | |
| Substances / environmental | RoHS | |
| Compatible Products Part Numbers | | |
| Storage inverters UL (120/240V) | XW Pro (865-6848-21), SW 4024 (865-4024-21), SW 4048(865-4048-21) | |
| Storage inverters IEC (230V) | XW Pro (865-8548-55), XW+ (865-8548-61), SW 4024 (865-4024-55), SW 4048(865-4048-55) | |
| String inverters EMEA, APAC | CL-60E (PVSCCL60E), CL36 (PVSCCL36E), CL33 (PVSCCL33E), CL50 (PVSCCL50E) | |
| String inverters Australia | CL30 (PVSCCL30E), CL50 (PVSCCL50E) | |
| MPPT Charge Controllers | MPPT 100 600 (865-1034), MPPT 80 600 (865-1032), MPPT 60 150 (865-1030-1) | |
| Accessories | System Control Panel (865-1050), Automatic Generator Start (865-1060), Battery Monitor (865-1080-01) | |