



**UNITED ELECTRICAL
SPECIALISTS, INC.**



**POWERING & SECURING
INNOVATION PROJECTS**

www.uesph.com

Company Profile

UNITED ELECTRICAL SPECIALISTS, INC.

UES, Inc. was established in April 2012, specializing in the services and distribution of high-quality electrical components and equipment from renowned manufacturers such as ABB, Eaton, and Schneider Electric. Alongside our extensive selection of electrical components, we are proud to deliver state-of-the-art solutions in security, communication, control systems, automation, and renewable energy sectors. Our collection of solutions includes FDAS, PA/BGM, CCTV/Security, and Intercom Systems from trusted brands like Bosch, LeGrand/Bticino, Honeywell, Hikvision and Dahua. We also supply solar panels and micro inverters from reliable brands like Longi and Enphase.

Beyond our industry-leading products, we provide a comprehensive selection of locally manufactured and fabricated items designed to meet your specific needs. Our parent manufacturing facility, Total Power Box Solution, Inc., ensures that all products comply with international standards such as IEC and UL. This includes panelboards, busway systems, enclosed circuit breakers, cable trays, and various other electrical products. In 2018, the manufacturing facility located in Silang, Cavite was granted ISO 9001: 2015 certification.

At UES, Inc., our commitment is to deliver top-notch solutions, exceptional customer service, and a diverse product range to fulfill your electrical and security requirements. With nearly a decade of experience, we are your reliable partner in powering and securing your projects.

Mission

To promote and develop safe, reliable and energy-efficient electro-mechanical equipment, technical schemes and methodologies, systemization, automation, energization and other related operation and maintenance services requirements.

To promote value chain efficiency in selling and procuring for trade and distribution of electro-mechanical components, equipment, devices, wiring configurations suitable to both local and foreign market.

Vision

To be the number one locally-made energy-efficient solutions provider to the country's industrial and energy market.

Services



INSTALLATION &
TESTING



SPECIALIZED
FABRICATION



INSPECTION &
DESIGN



WALKTHROUGH
AUDIT



AUTOMATION

PRODUCT OFFER:

- Transformers (Pad Mount, Cast Resin, Dry Type)
- MV Load Break Switch and Recloser
- Protection Relay, CT and PT
- MV/LV VFDs and Softstarters
- Substation Equipment
- Synchronizing Panels
- Design Verified/Locally-Fabricated:
MV/LV Switchgears, Distribution Panels,
MCC (Draw-out & Fixed Type)
- MV/LV Filters and Capacitor Banks
- Busduct
- Cable Trays/Wireways
- Modular Racks and Server Enclosures
- Data Racks/Open Bay Racks
- Transfer Switches (ATS/MTS)
- MV/LV Circuit Breakers
- Power/kWh Meters
- Magnetic Contactors
- Surge Protection Devices (SPD/TVSS)
- Battery Bank and Cabinets

SPECIALIZED OFFER:

- Automation:
(Substation, Industrial, Building, Home)
- Energy Monitoring System (EMS)
- MV Transformer Protection Relay Panel
- FDAS, CCTV, Access and Public Address
System
- IP Video Intercom
- Door Entry System
- Solar PV System

**UNIFIED.
EFFICIENCY.
SOLUTIONS.**

UES, Inc.

AUTHORIZED PARTNER of:

EATON

ABB

**Schneider
Electric**

HITACHI

ABB

Protec

SECURE

SIEMENS



powerbox

BOSCH

HIKVISION

bticino

Honeywell

LONGi

ENPHASE

dhua
TECHNOLOGY

Member of:

csia
control system integrators association

BroadLink

iSWITCHGEAR



**LV Automatic
Transfer Switch**



**Low Voltage
Switchgear**



xEnergy



EATON DX



MV Switchgear



**Schneider Blokset
Switchgear**

Functionality:

- Breaker status & position
- Busbar temperature
- Alarms & faults (time-stamped)
- Auto meter reading
- Load shedding & harmonics (if applicable)
- Charger status
- Predictive maintenance (TOU, open/close count)
- PMS reports

Features:

- Pre-programmed industrial PC for real-time monitoring and reports
- Standard communication protocol for breakers, meters, and relays
- Self-diagnostics with alarms/events
- Remote control of breakers
- Email/SMS alarm notifications



Administrator

- Edit User
- Add/remove user
- Full access and edit configuration and data base
- All operator access right

Operator

- View real-time mimic diagram,
- analytics, alarms/events, reports
- Navigate page, control and monitor

SUBSTATION



PROTECTION & RELAY PANEL

MV TRANSFORMER



- Transformer Differential Protection
- Over/Under Voltage Protection
- Over/Under Current Protection
- Over/Under Frequency Protection
- Ground Fault Protection
- Metering and Annunciator
- DS and SF6 Breaker Control
- Lock-out relay & Alarm bell
- Substation SCADA integration
- Standard communication protocol (Modbus, IEC61850, DNP3.0)

Features:

- Relays self-diagnostics and reporting improves uptime and troubleshooting
- Breaker trip circuit monitoring improves the reliability of the breaker operation.
- Event and fault logging
- Oscillographic fault recording
- Phasor diagram viewer
- Programmable Input/Output
- Programmable LEDs for local indication
- Standard communication protocol, modbus, IEC61850, DNP3.0
- PC port for easy parameter setting
- Built-in front panel display



AUTOMATION



SpaceLogic AS-B



AC500 PLC



S7-1500



Simatic S7-1200 CPU

Core Services:

- PLC integration to existing manual processes
- PLC migration to new systems
- Design & build of Building Management Systems (BMS)
- Design & build of SCADA systems
- Data visualization solutions
- Supply of edge computing & fault-tolerant architecture for factory floors.

EATON



BZM1: 16-125A up to 36kA
BZM2: 125-250A up to 36kA
BZM3: 250-400A up to 50kA

Compact Simple Safe

BZM Series Molded Case Circuit Breaker



1000V insulation voltage
100% ratings at 50 deg C
±100% / CS CU
25kA, 36kA, 50kA, 70kA
Fully adjustable / 8 /
Up to 500A TMD

LZM Series Molded Case Circuit Breaker



Four frame sizes with four levels of switching capacity
Rated voltage up to 1000VAC
Rated current 20-1600A
Breaking capacity 25-150kA
Thermal Magnetic / Electronic trip unit
Magnetic and thermal release adjustable
Universal accessories
Diagnostics included

NZM Series Molded Case Circuit Breaker



Coloured Toggles per Rating
Leads for ON/OFF Position
Safety Wire Guides

PLHT Miniature Circuit Breaker



- Compact sizes save space and enable smaller panels.
- High functionality and communication.
- IZMX/INX offers strong ratings and easy integration.

IZMX Air Circuit Breaker



Pushbutton and Indicating Light AZZ

- In accordance with IEC/EN 60947 and VDE0660
- Modular structure is suitable for different application requirements
- They can be mounted without any need for tools
- Contact blocks are finger safe
- Up to 6 contact blocks can be mounted on each mounting location

Push Button and Indicating Lights



NSP

Number of Poles: 3+N-pole
IEC Level: T2
Max. Continuous Operating Voltage: 385Vac
Nominal Discharge Current In (8/20) μ s: 3 x 20kA+20 kA
Max. Discharge Current Imax (8/20) μ s: 3 x 40kA+40kA
Type Designation: NSP20H4385TTR



PTX

Per ϕ kA Range: 48-400
EMI/RF Filtering
Attenuation: No
Nominal Discharge Current (In): 20 kA (*)
Short-Circuit Current Rating: 200 kA



Surge Protection Devices (SPD/TVSS)

EQ 2 Series
kA per Phase: 50, 80, 100, 160
SPD Type: UL 1449 4th Edition & CSA Type 1 & Type 2 (dependent on feature options)
Nominal discharge current rating (In): 20kA
SCCR: 200kA
Protection modes: Single-phase L-N, N-G, L-G, Split-phase L-N, N-G, L-G, L-L, Wye L-N, N-G, L-G, L-L, Delta L-G, L-L, Delta L-G, L-L



XT 50/100

Per ϕ kA Range: 50-100
EMI/RF Filtering Attenuation: No
Nominal Discharge Current (In): 20 kA (*)
Short-Circuit Current Rating: 100 kA



xEnergy

Side-by-side or stand-alone enclosures
IP31/IP55 protection
Main busbar up to 5000A
Separation forms 1-4
Widths: 425-1350 mm; Height: 2000 mm
RAL 7035 (custom colors available)
Supports TN-C, TN-C-S, TN-S, TT, IT networks
IEC/EN 61439 tested
Optimized for Eaton 3- and 4-pole switchgear

Electric Vehicles & EV Charging



EV charging busway

- Continuous current: Up to 5000 A cu
- Up to 4000 A AI
- System Voltage: 240 v
- Short Circuit Withstand: Up to 200 kA



EV pedestals and accessories

Models:

- EVCC-LED
- EVCC-LED-JB
- EVCC-RET
- GMEV-DPED
- GMEV-PED
- GMEV32HSTR-BKR
- GMEVCMPE



Green Motion 50-150 kW DC EV Chargers

Models:

- GMDC100-C
- GMDC100-CCSX2-CA
- GMDC125-CCSX2
- GMDC125-CCSX2-CA
- GMDC150-CCS
- GMDC150-CCS-CA
- GMDC150-CCSX2
- GMDC150-CCSX2-CA
- GMDC50-CCS
- GMDC50-CCS-CA
- GMDC50-CCSX2
- GMDC50-CCSX2-CA
- GMDC75-CCSX2
- GMDC75-CCSX2-CA



Green Motion Building - 9.6 kW AC charge

Models:

- EVCCJ1772-340
- EVCCNAC5-348
- EVCCNAC5-380
- GMEV40CIE1B-WC
- GMEV40CIE1B-WC
- GMEV40CME1B-WC
- GMEV40CME1B-WC



Green Motion Building Pro - 11.5kW AC charge

Models:

- EVCCJ1772-V48
- GMEV48CMCI-WC
- GMEV48CMEI-WC



Green Motion EV Smart Breaker Chargers

Models:

- BABEVEM2040
- BREVEM2040
- EVCC-JB-CLGKIT
- EVEMCONNECTED
- GMEV-WCSHLD
- GMEV32BAB-DC
- GMEV32BAB-JB
- GMEV32BR-DC
- GMEV32BR-JB
- GMEV32BR-WC
- GMEV32BR-WCPL
- GMEVMP70-IND
- GMEVMP70-OUT



Green Motion Fleet - 19.2 kW AC charge

Models:

- EVCCJ1772-380
- GMEV80CIE1B-WC
- GMEV80CIE1B-WC
- GMEV80CME1B-WC
- GMEV80CME1B-WC



Green Motion Fleet Pro - 19.2 kW AC charge

Models:

- EVCCJ1772-V80
- GMEV80CMCI-WC
- GMEV80CMEI-WC



Power and productivity
for a better world™



Variable Frequency Drives



ACS580

- Enclosure type: IP21
- Mounting type: Wall, side-by-side, flange, or horizontal
- Voltage rating: 380-480 V three phase
- Input voltage: 380-480 V three phase +10%-15% at 50-60 Hz ±5%
- Output frequency: 0-500 Hz
- Output phase: 3
- Max load amps: 260
- Easy to select, install and use
- All important features are built into the drive to minimize the number of external components
- Connect to any automation system or use stand-alone



PSTX

Softstarters

- Current: 30A... 1250A (inside-delta: 2160A)
- Main voltage: 208V... 600V, 208V... 690V
- Rated control supply voltage: 100... 250V AC, 50/60 Hz
- Frame sizes: A, B, C, D, E, F
- Electrical sizes: T9
- Communication protocols: Modbus RTU, Profibus, Profinet, Ethercat, BACnet, Ethernet, DeviceNet, Anybus
- Certifications: CE, cULus, CCC, EAC, ANCE, C-tick, KC
- Approvals: ABS, DNV, Lloyd's register, CCS, PRS, Class NK
- Provides full motor protection with over/under voltage, earth fault, and PT-100 monitoring, plus features like torque control, standstill, and dynamic braking.



ACH580

- Power range 0.75 to 500 kW
- Voltage range 208 to 690 V
- IP21 and IP55 enclosure classes for wall-mounted drives, IP00 and IP20 for drive modules, and IP21, IP42 and IP54 for cabinet drives
- Main switch and EMC C1 options
- HVACR-specific features integrated as standard
- Wide range of communication protocols incl. Modbus and BACnet, and I/O options
- Intuitive control panel with optional Bluetooth capability
- Based on ABB's all-compatible drive platform built-in energy calculators to help monitor and fine-tune processes. It also has optimized energy efficiency.



PSE

- Current: 18A... 370A
- Main voltage: 208V... 600V
- Rated control supply voltage: 100... 250V AC, 50/60 Hz
- Frame sizes: A, B, C
- Electrical sizes: 15
- Communication protocols: Modbus RTU, Profibus, Profinet, Ethercat, BACnet, Ethernet, DeviceNet, Anybus
- Certifications: CE, cULus, CCC, EAC, ANCE, C-tick, KC
- Approvals: ABS, DNV, Lloyd's register, CCS, PRS, Class NK
- Normal duty applications: Pumps, compressors, elevators, escalators, short conveyor belts, and bow thrusters
- Heavy duty applications: Centrifugal fans, crushers, mixers, mills, stirrers, and long conveyor belts

EV Charging Solutions



AC Destination
3 to 22 kW



DC Destination
11 to 24 kW



DC Fast
50 to 180 kW



DC High Power All-in-one
90 to 360 kW



DC High Power
175 to 350 kW+



Overnight
50 to 150 kW
(sequential)



Route Panto Up
50 to 150 kW



Route Panto Down
150 to 600 kW



EcoFlex Integrated
High Power Chargers



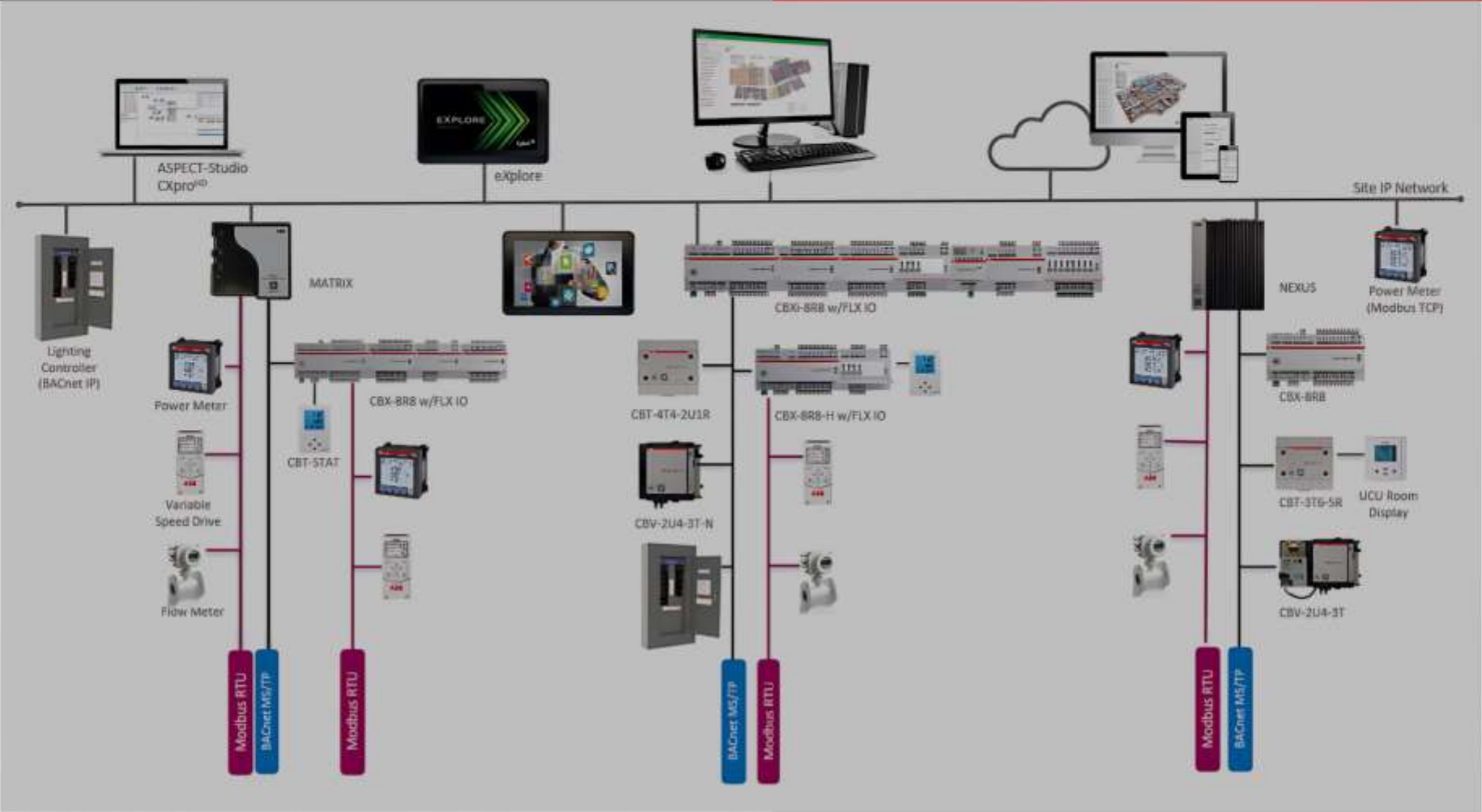
HVC 360
up to 360 kW



The CBXi Series is designed for energy management and intelligent control of:

- HVAC equipment: Central plant, boilers, chillers, cooling towers, pump systems, air handling units (constant volume, variable air volume, multi-zone), and rooftop units.
- Electrical systems: Lighting control, variable frequency drives, and metering.

Connectivity for Complex Plants



The FBXi Series routes BACnet MS/TP to BACnet/IP and communicates via Modbus TCP/RTU as clients. It is designed for energy management, controlling:

- HVAC systems: Central plant, boilers, chillers, cooling towers, pump systems, AHUs, and rooftop units.
- Electrical systems: Lighting control, VFDs, and metering.

Control Capability for Complex Plants

Building and Home Automation System
CYLON

KNX i-bus



HB Series – Door Entry



7 inch or 10.1 inch
White or black color
Light or dark UI

Indoor Station



7 inch or 10.1 inch
Surface or flush mounting

Outdoor Station



10.1 inch Android Guard Unit

Guard Unit



BOSCH



Fire Alarm Systems



Avenar Panel

- Monitoring of single or networked panels.
- Management of up to 10000 detection points.
- Simultaneous connection of up to 10 clients.
- Extensive logging of events and operations.
- User friendly installation and configuration.



Automatic Fire Detector

- Highly reliable with Intelligent Signal Processing (ISP)
- Early smoke detection using Dual-Ray technology
- Monitors for electromagnetic interference for quick diagnosis
- Supports automatic and manual address setting



Sounders and Strobes

- Quick installation
- No additional cabling or power supply
- Low consumption thanks to LED-technology
- Synchronized flash rate of 1 Hz



Uninterruptible Sounders

- Uninterruptible alarm signaling, even in LSN stub
- Maximum current consumption of less than 4.35 mA
- Volume of up to 101.3 dB(A)
- Immediate synchronization
- Long life cycle and modern design



Manual Call Points

- Adjustment of the manual call point after alarm triggering
- Indicator LED for alarm or for inspection evaluation
- Second contact with connections for panel control
- Variants for indoor and outdoor use



Interface Modules

- Line monitoring with EOL resistor
- Contact and voltage monitoring
- Individual monitoring of two inputs
- Maintains LSN loop functions during wire interruption or short-circuit with integrated isolators



AVIOTEC: Video-based fire detection

- Video based fire detection in a production facility
- Early detection of smoldering fire in a warehouse
- Video based fire detection in the dark
- Video based fire detection in outdoor application

Praesensa

Controller. Full control of PRAESENSA devices and audio routing with built-in five port Gigabit Ethernet switch



Four-channel amplifier. 600 W amplifier with flexible power partitioning across four output channels, built-in two-port Gigabit Ethernet switch and built-in redundancy

Eight-channel amplifier. 600 W amplifier with flexible power partitioning across eight output channels, built-in two-port Gigabit Ethernet switch and built-in redundancy

Multifunctional power supply. Fully supervised DC-power supply with integrated fail-safe redundancy, built-in six-port Gigabit Ethernet switch

Desktop call station. With built-in two-port Gigabit Ethernet switch and graphical user interface offering clear user guidance and feedback



Advanced Public Address License for PC/Tablet (APAL). Allows use of a tablet to remotely adjust music volume in specific areas throughout the installation

IP-connected and fully featured

Public Address and Voice Alarm Systems



Pavero

- Lowest power consumption in its class
- Flexible architecture and music/announcement options
- Scalable from single to IP networked solutions
- Fast setup with "Basic" and "Expert" modes
- 30+ minutes of evacuation audio memory
- Zone monitoring on call station
- Professional sound quality



Plena Vas

- Simple Expandability
- Certified Solutions
- Remote Control Panels
- Charger
- Configurable Functionality

EasyPact EXE

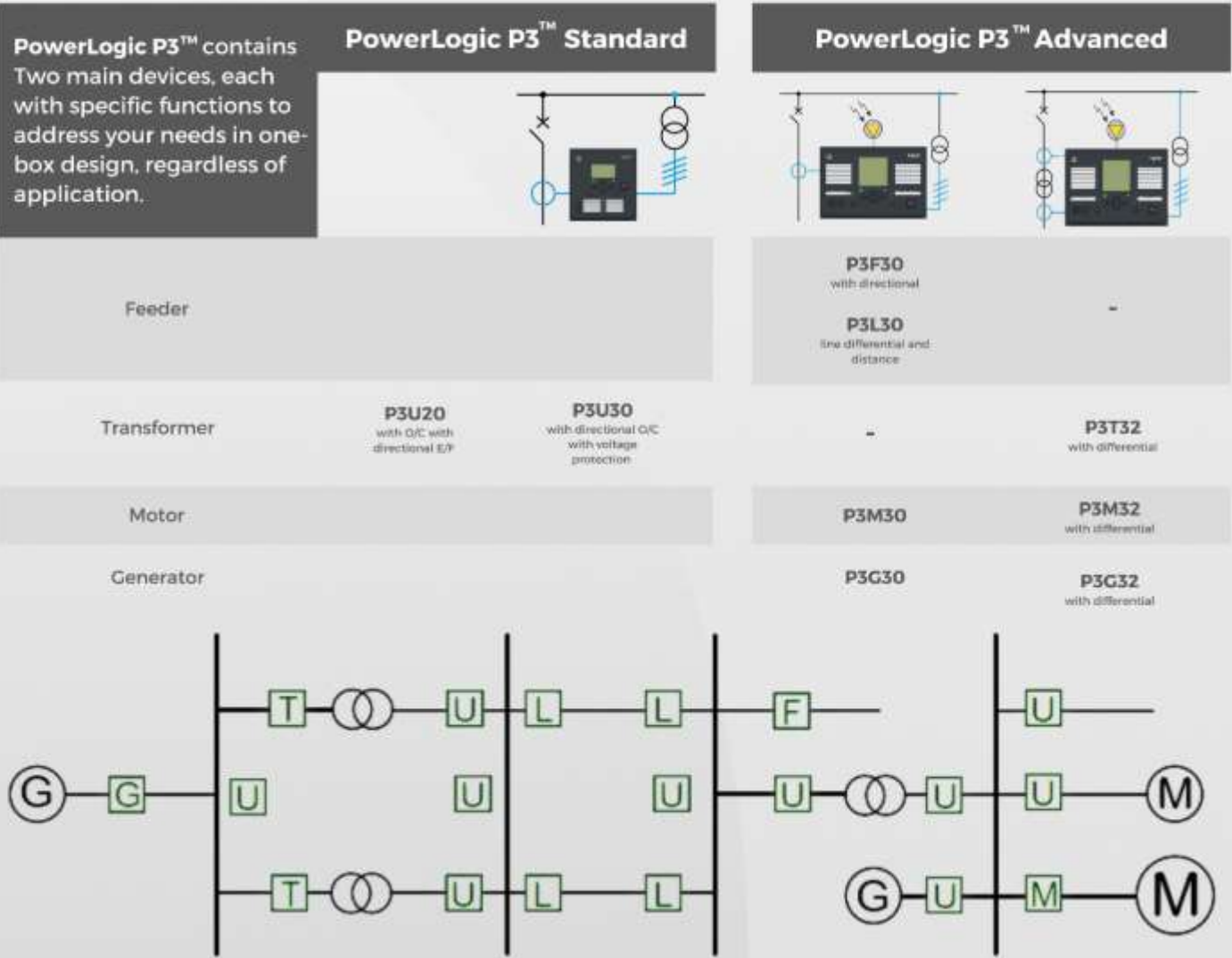
EasyPact EXE is a range of vacuum circuit breakers designed to connect building infrastructure (heating, ventilation, lighting, etc.) and industrial plant processes (MV motors, MV/LV substations, furnaces, etc.) to the power grid, and to protect people and equipment.

EvoPact HVX

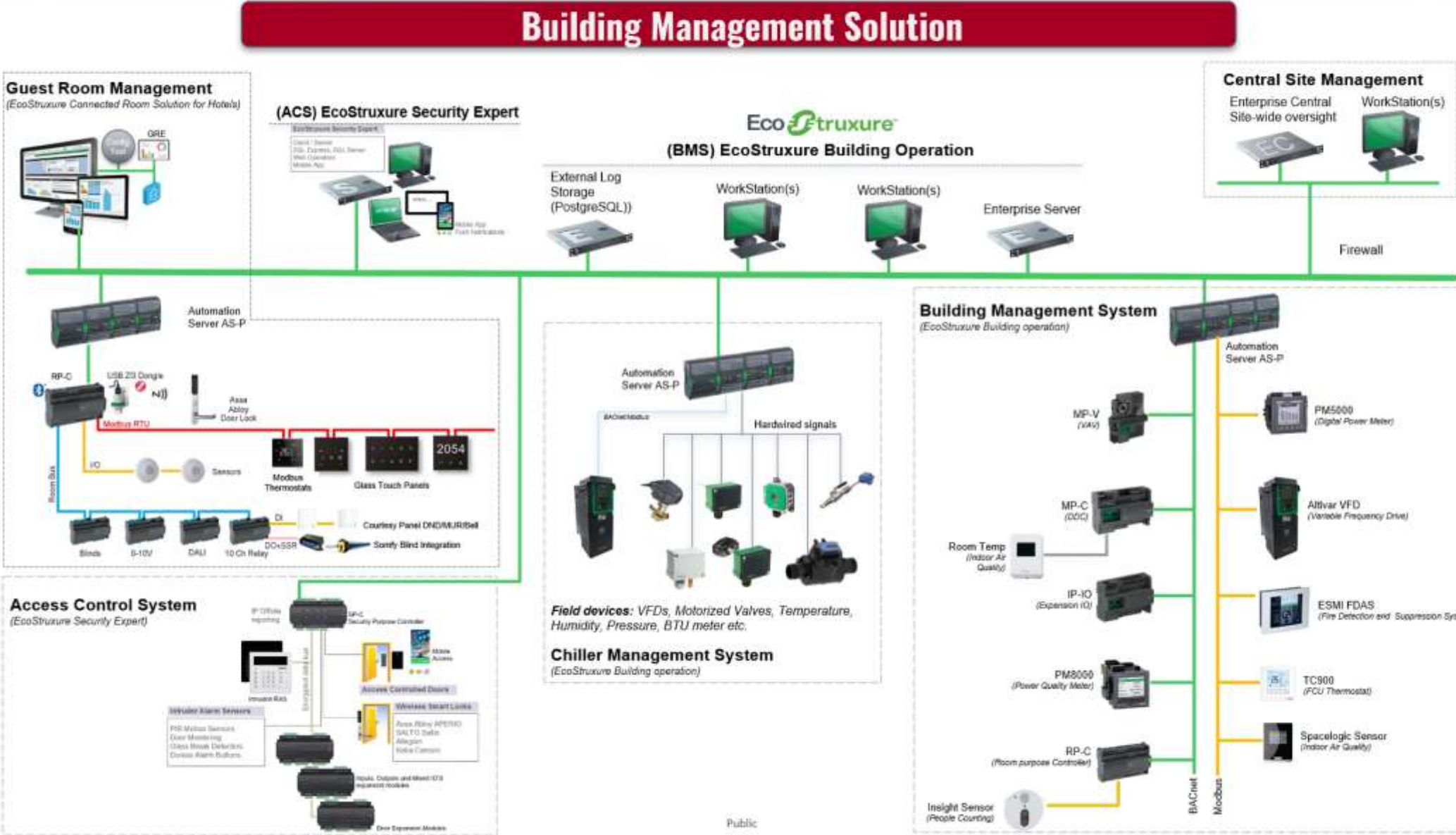
The EvoPact HVX series of vacuum circuit breakers offers a wide range of performance levels. It controls heavy-duty tasks in harsh conditions, low temperatures, and vibrations under normal, inductive, and capacitive loads.

Easergy

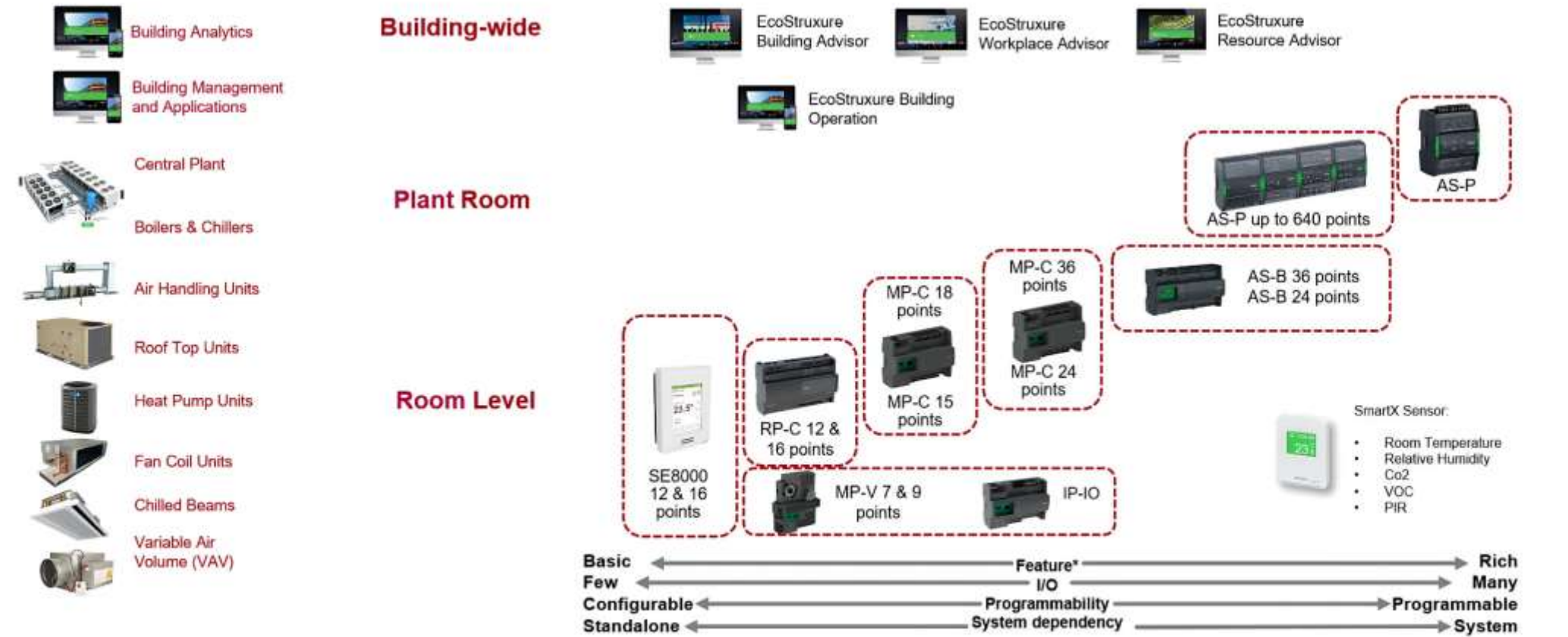
PowerLogic P3 is a complete range of protection relays for medium voltage applications, including feeder, motor, transformer, and generator protection. It embeds all the latest communication protocols on serial or Ethernet links. Based on more than 100 years of experience in network protection relays, PowerLogic P3 benefits from the reliability of Sepam, MiCOM and Vamp.



MEDIUM VOLTAGE					
EXE			HVX		
					
					
					
20 25 31.5			25 31.5		
630 - 2500			1250 - 3150		
• Fixed • Withdrawable			• Fixed • Withdrawable		
3p			3p		
10 000			10 000		



BMS Direct Digital Controllers





Field Devices - A Complete Range of Environmental Input Sensors



Room Temperature Sensor



Temp Sensor: STO500, Outdoor, Andover Continuum



Pipe Temperature Sensor



Humidity Sensor



Outdoor Humidity Sensor



Duct Room Humidity Sensor



Duct and Plant Room Air Quality Sensors



Temperature

Humidity

Air Quality



Pressure Transmitters and Accessories



H608-S6



H923-S6

Detect electric current, for measurement & control



MHCHBFFLM000 Heating Meter



Flow / Pressure

Current Sensors

BTU & Heat Meters

Field Devices - Valve & Actuators



- **Benefits:** High-performance, energy efficiency, reliability, easy configuration and maintenance.
- **Applications:** Hot or chilled water, VAV, re-heat, fan coil and unit ventilation applications

Ball Valves & Actuators



- **Benefits:** Energy efficiency, precision, and control
- **Applications:** Air handling units, rooftop units, chillers, and district heating

Globe Valves & Actuators



- **Benefits:** High-performance, energy efficiency, reliability, easy configuration and maintenance
- **Applications:** Hot or chilled water, VAV, re-heat, fan coil and unit ventilation applications

Butterfly Valves & Actuators



- **Features:** Easy to interchange actuators with valve bodies to best fit application
- **Applications:** Chilled, hot water, and low pressure/low temperature steam applications

Zone Valves & Actuators



- **Benefits:** Energy efficiency, precision, innovation and control.
- **Applications:** Advance energy management, continual balancing, simplified maintenance, seamless integration, and intelligent control

Pressure Ind. Valves & Actuators



- **Features & Benefits:** SmartX Damper Actuators give customers maximum efficiency and high performance across a wide variety of HVAC applications. They deliver on performance with consistent, comfortable indoor climate maintenance ensuring occupant comfort and enhanced productivity.
- **Applications:** HVAC, VAV, duct

Damper Actuators

EcoStruxure Building Operation (EBO 2024)

Optimize buildings, reduce energy use, and move towards net-zero carbon

Dashboards

Role-specific personalized dashboards providing data visualization and increased understanding



Reporting and Trends

Create powerful custom reports sharing building trends and performance directly from EBO



WebStation UI

Gain secure full building system access from a PC browser on the go from tablets and mobile devices



Tools

System tools designed for the Integrator maximizing engineering efficiency



Open

Diverse integration possibilities driving complete single control center experiences



Scalable

Fully modular and scalable architecture to meet buildings of any size and complexity



Alarm Management

Best in class alarm management to keep you on top of building issues



Cybersecure

Reduce cyber threat risk as technology evolves



Upgradeable

System flexibility to upgrade and expand on your terms



Semantic Tagging

Access to information and insights in human-readable form



SECURE



Elite 500

High-precision, multiple communication, TFT display

- Energy transfer measurement and reconciliation
- Power plants, feeder monitoring, grid substations, wind turbines, renewables, industrial and commercial premises
- Online monitoring of energy exchange at various interface points
- Automation and system integration
- Process and factory automation
- Retrofit application up to 4000A can be served by using Rogowski coil along with Modbus / BACnet / Profinet / IEC 61850 protocol support, analogue output and control IOs
- Oil and gas / Mining / Hospitals / Malls / Datacentres
- LV / MV / HV Switchgear



Elite 300

Multi-line three phase panel meter

- Commercial and industrial sub-metering
- Energy Management System (EMS) applications
- Building management and monitoring systems (BMS)
- High and medium voltage switchgear panels
- Power control centre (PCC) panels
- Motor control centre (MCC) panels
- LV distribution panels
- Control and relay panels
- Automation and monitoring systems



precision class graphical display IEC 61850 in-built support

ProQ100

High precision, comprehensive power quality measurements

- High precision revenue metering
- Contracts requiring compliance with latest power quality standards e.g. IEC 61000-4-30 Class A
- Installations requiring compliance verification with voltage supply standards e.g. EN50160, IS 17036
- Requirement of harmonic control i.e. IEEE 519
- Harmonic analysis for power quality problems for both voltage & current upto 50th harmonic
- Integrated power quality monitoring and analysis solution for utility supply and industrial networks
- Providing metering and power quality (PQ) data to substation and industrial automation systems



intuitive compact size 96x106x60mm interoperable communication

Saral

Direct connected credit meter

- Meter reading in the absence of mains
- Integrated base and cover
- Current and temperature profile to help analyse loose connections, attempts to burn
- Walk by meter reading over BLE (optional)
- Smallest footprint in its class
- Compact and light weight
- User-friendly display
- Intuitive display actuator without an opening



intuitive revenue protection walk-by communication

Saral 305

Three-phase direct-connected credit meter

- Residential metering
- Small commercial and industrial establishments
- Sub-metering for residential, small industrial and commercial establishments
- Sub-metering installation to monitor mains and DG energy separately

btiemo



D45 SYSTEM



New Digital Call Entrance Panel

- **PROTECTION DEGREE IP54** - suitable for critical environments
- **PROTECTION AGAINST MECHANICAL IMPACT IK07** - resistant to vandalism
- **MINIMAL OVERALL DIMENSIONS:**
 - just 1.5 cm depth in flush-mounted
 - Anti-Tamper sensor for better security



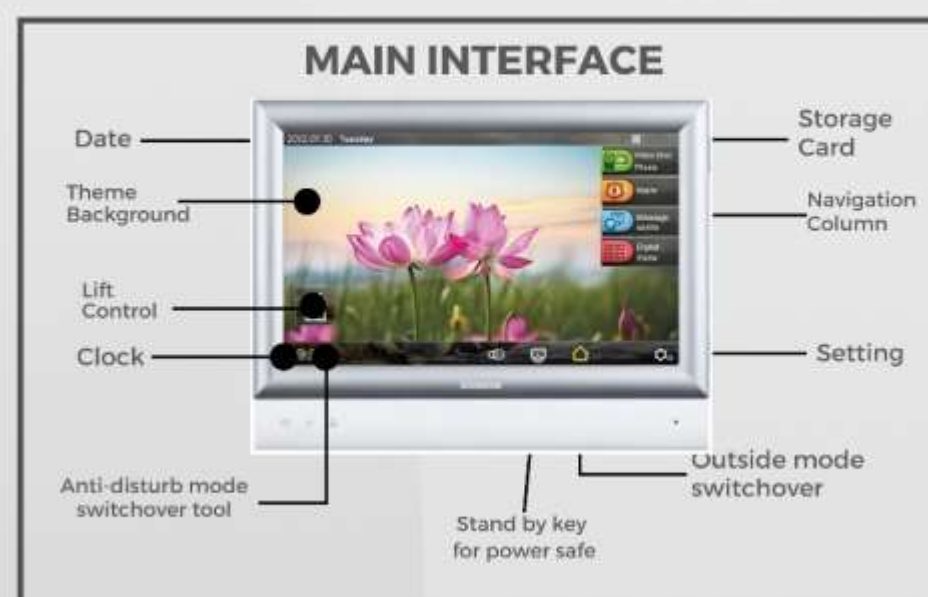
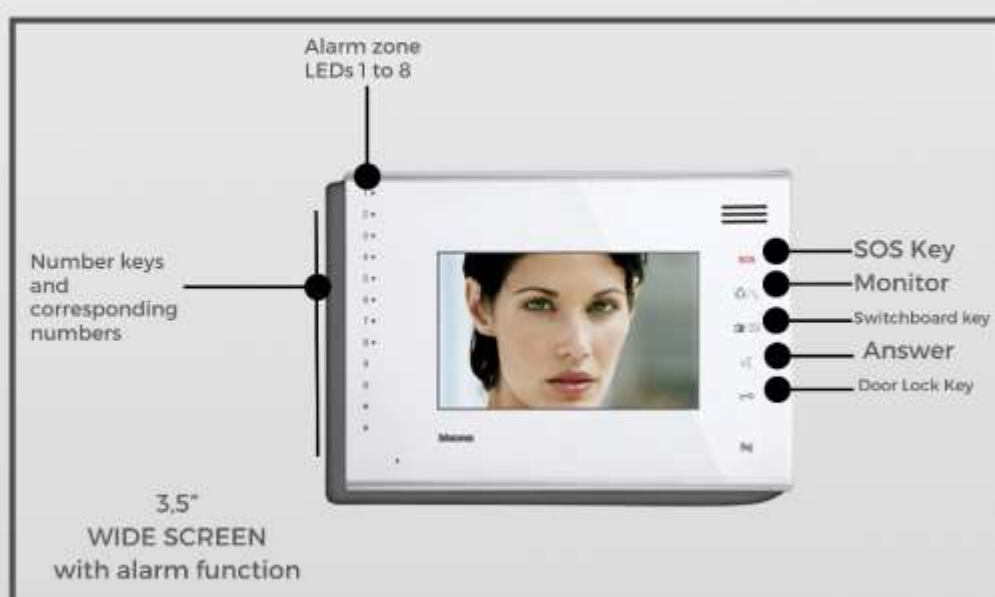
7" & 10" TOUCH SCREEN
INTERNAL

New Touch Screen Internal Units

ITALIAN DESIGN WITH HIGH-END MATERIAL
cover plate in metal finishing

WIDE TOUCH SCREEN DISPLAY
The screen occupies a large part of the device in line with current consumer electronics trend

Hands Free Screen Internal Units



Switchboard



The integrated IP management software art. 323012 can provide the communication for calls between internal units and the switchboard. This software can be used only joined with D45/IP interface art. 323011

ENTRANCE PANEL CALL RECEPTION



ALARM RECEPTION AND MANAGEMENT



INTERCOM



CAMERA ENABLING



DOOR LOCK



USER FRIENDLY INTERFACE



CLASSE 100



- **Subtle, Compact and Essential Design**
- **All-Purpose:** The Wall range offers versatile installation options for any situation.



Internal Unit Range - Sprint L2

New modern Shape and Design

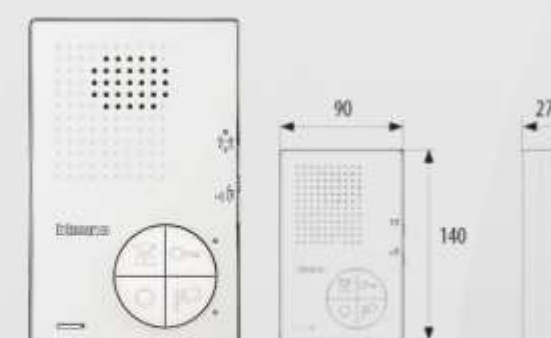
- Call directly to Switchboard
- Door lock function
- Possibility to configure the second PB for an additional function
- Call to switchboard, second door lock

LineA 100 - New Power Supply



Technical Information

- 127 V / 230 V
- 0,6 A
- G DIN Module



Classe 100/A12B

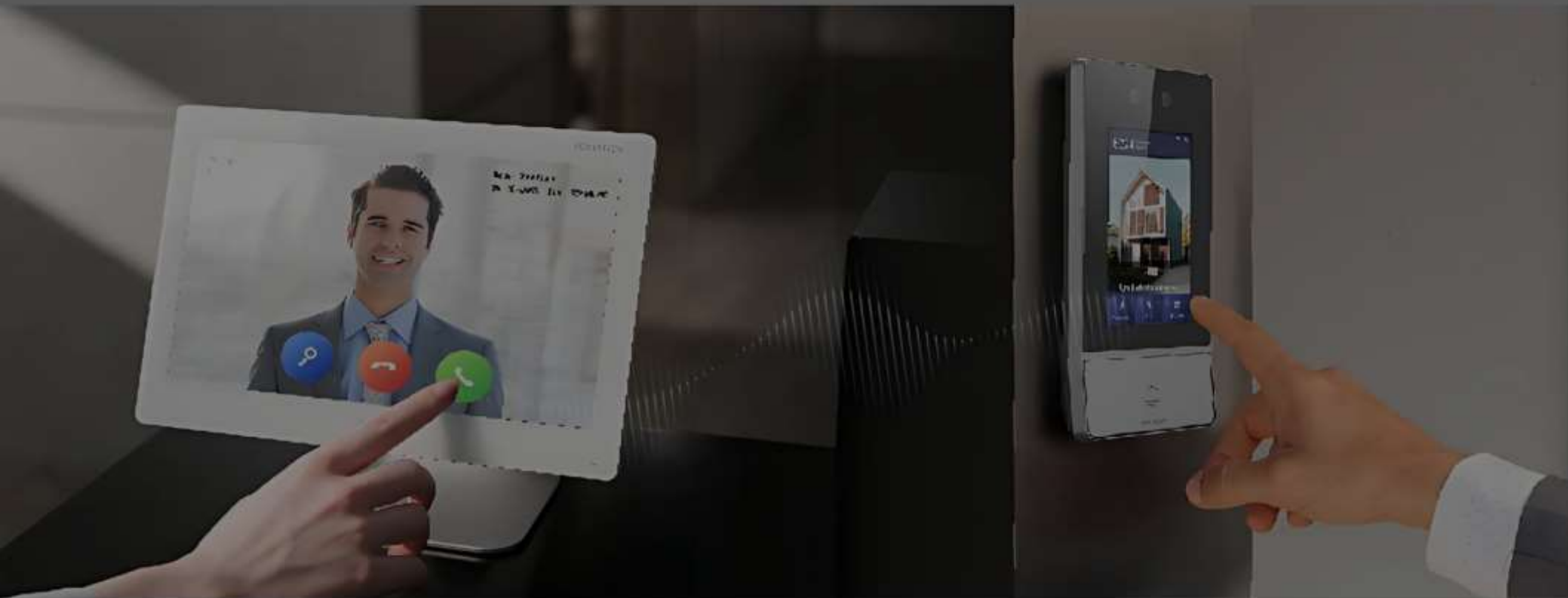


Classe 100/A12C



Classe 100/A12M

HIKVISION



IP Video Intercom

Indoor Station Family



Ultra Series - 7 inches
(IP Version)



Pro Series - 7 inches
(IP Version)



Ultra Series - 10 inches
(IP Version)



Pro Series - 7 inches
(2 Wire Version)

Door Station Family



Ultra Series - 9 series
(All-in-one)



Ultra Series - 8 series
(All-in-one)



Ultra Series - 8 series
(Modular)



Pro Series - 8 series
(All-in-one)



Pro Series - 6 series
(All-in-one)

Modular Door Station Family

Module with Stainless Steel



Man Unit
(IP Version) Keypad
Module Nametag
Module

Standard Modules



Main Unit
(IP Version) Indicator
Module Display
Module Blank
Module Keypad
Module Keypad
Module Keypad
Module



Module with
Stainless Steel



Modular Door
Station

CCTV



Thermal Camera



Dome Camera



IP/ Network Camera



Bullet Camera



Wifi/Wireless Camera



2MP Smart Hybrid Light
Audio Indoor Fixed Turret
Camera



PTZ Camera



Digital Video
Recorder



DEAD TANK CIRCUIT BREAKERS

Built with spring-spring operated mechanisms and advanced self-blast interrupter for very high reliability



SUPERIOR
RELIABILITY



HIGH
PERFORMANCE



MINIMAL
MAINTENANCE



TIGHTNESS
GUARANTEE

Dead Tank Circuit Breakers



DT1-145R-40

The GE Advantage GE's Dead Tank Circuit Breakers are developed based on the highest standards for performance, ratings, user convenience and reliability. Every circuit breaker model is thoroughly tested to meet or exceed the latest IEEE and IEC standards including Class C2, Class M2, fast TRV and high asymmetry.

- Unique and Superior Design Provides Optimal Performance and Lower Total Cost of Ownership
- Manufacturing Excellence to Ensure Highest Quality Standards
- Extensive Research, Testing and Proven Field Experience Resulting in Enhanced Reliability
- Optional Features for Enhanced System Compatibility, Digital Integration and In-House Expertise



DT1-72.5

- **Gas Tightness Guarantee**
GE ensures SF6 gas tightness through advanced testing on fully assembled breakers.
- **Certified Quality**
GE's breakers meet IEEE/ANSI, IEC standards, and ISO certifications.
- **Flexible Applications**
The DT1-72.5 is easy to install for both new and retrofit projects.
- **Low Maintenance**
Factory-tested, the DT1-72.5 requires no special tools and minimal upkeep.



S2DA

- **Performance**
The S2DA is stable in harsh conditions with durable, low-maintenance design and reliable short-circuit performance.
- **Flexible Technology**
Fewer contacts mean less maintenance and long-term reliability.
- **Customization**
GE provides tailored installation solutions.
- **Quality and Benefits**
Cost-effective, certified, low-maintenance, and easy to install with high short-circuit capacity.
- **Installation**
Simple, maintenance-free, with self-lubricating parts.



- Wide range of intelligent features:
- Person/vehicle detection
 - Perimeter protection
 - Active deterrence

CCTV



- Capture and store video footage
- Display both HD and IP Cameras for maximum scalability

XVR



- Network and Cloud Management
- Power Over Ethernet
- Long Distance Transmission
- Environmental Protection
- Real Time Monitoring

Switch



- Split-spectrum sensor technology
- Test and silence features
- Loud sound output
- Low quiescent current consumption
- Air Shield

Smoke Detector



- Night Vision
- Two way audio and video
- Tft Capacitive Touch Screen
- Standard PoE
- Multiple unlock modes

IP Video Intercom



- Aviation aluminum material
- Exquisite appearance
- Stainless steel hanger
- Anti-corrosion

IP Speaker



Integrates with IP Cameras:

- Work with Internet protocol cameras
- Receive Information across a network
- Record high quality visual and audio footage

Network Video Recorders (NVR)



- High Brightness
- High Refresh Rate
- High Contrast
- High Reliability

LED Display



- Wireless Screen Sharing
- Easy to share
- File Management

Interactive Whiteboard



For interactive Flat Screen Panel

Detachable PC Module



- Large Capacities
- High performance
- Excellent power efficiency for SFF devices

Memory



- 316L Stainless Steel Construction
- G-3/4-in. Pipe Thread
- IP68 Ingress Protection
- Designed for Extreme Temperature Environments

Flexible Cable Protection Pipe

BroadLink

BUDGET SOLUTION OF DIY HOME AUTOMATION



Input: 12W, AC200-240v
PF:0.5, Dual-End Power Supply
CCT: 6000K, RA70, 7 SDCM

Tube Lights



Input: 12W, AC200-240v
PF: 0.5
CCT: 6000K, RA70, 7 SDCM

Linear Lights



Input: 12W, AC200-240v
PF:0.5, Dual-End Power Supply
CCT: 6000K, RA70, 7 SDCM

Downlight



Input: DC 5v/1A
Protocol: FastCon
Material: Fire-Retardant ABS+PC

Smart Mini Hub



Frequency: 24GHz
Power Supply: AC
200-240v, 50/60Hz
Protection Grade: IP20

Smart 24GHz mm Wave Sensor



CCT: 70lm/W
Input: 24v, 10w/m
PCB: Front 35um, Back 70um

PVC Light Strip



-CCT: 60lm/W
-Input: 24v, 10w/m
-PCB: Front 35um, Back 35um

Dual-Colour Profile Cover



Input: AC 200-240v, 50/60Hz
Output: DC 24v, 150w MAX
Operating Temperature: -30°C -45°C, 20-90% RH

150 Smart LED Driver



Input: AC 200-240v, 50/60Hz
Output: DC 24v, 240w MAX
Operating Temperature: -30°C -45°C, 20-90% RH

240w Smart LED Driver



- Base: E26
- Voltage: AC 110-130v
- Wattage: 9w
- Lumen: 800lm
- CCT: 2700-6500K

Smart RGBCW Bulb



- Material: Fire-Retardant ABS+PC
- Wattage: 6w/ meter
- Voltage: DC 24v
- CCT: 3000-6500k

Light Strip



- Material: Fire-Retardant ABS+PC
- Operating Voltage: DC 12v-24v
- Output Interface: Single-Channel Dual-Color LED Strip with Dimming and Color Adjustment Output

Light Strip Driver



- Diameter: Voltage: 4"/6"
- Voltage: AC 120V 9w,
- Wattage: 12w, 15w
- Lumen: 1200lm
- CCT: 5000k/ 4000k/ 3500k/ 3000k/ 2700k

Downlight - Tulip



- Diameter: Φ95*57mm/ Φ113*68.5mm
- Voltage: 220-240v AC
- Wattage: 6w/ 10w
- Lumen: 600lm/ 1000lm
- CCT: 6000k/ 4000k/ 3000k

Downlight - Legend



Downlight - Cyclone

- Diameter: Φ113*57mm/ Φ143*61mm
- Voltage: 220-240v AC
- Wattage: 10w/ 14w 950lm/ 1330lm
- CCT: 6000k/ 4000k/ 3000k



Downlight - Cyclone Slim

- Diameter: Φ108*71mm/ Φ140*77mm
- Voltage: 220-240v AC
- Wattage: 10w/ 14w 900lm/ 1260lm
- CCT: 6000k/ 4000k/ 3000k



Downlight - Magic

- Diameter: Φ108*71mm/ Φ140*77mm
- Voltage: 220-240v AC
- Wattage: 10w/ 14w 900lm/ 1260lm
- CCT: 6000k/ 4000k/ 3000k



Downlight - Legend Slim

- Diameter: Φ108*76mm/ Φ140*90mm
- Voltage: 220-240v AC
- Wattage: 10w/ 14w 1000lm/ 1400lm
- CCT: 6000k/ 4000k/ 3000k



Downlight - Phoenix

- Diameter: Φ95*51.8mm/ Φ113*58.8mm
- Voltage: 220-240v AC
- Wattage: 6w/ 10w 600lm/ 1000lm
- CCT: 6000k/ 4000k/ 3000k



Downlight - Phoenix Slim

- Diameter: Φ108*95mm/ Φ140*69mm
- Voltage: 220-240v AC
- Wattage: 0w/ 14w 1100lm/ 1540lm
- CCT: 6000k/ 4000k/ 3000k



Smart Downlight

- Rated Voltage: 220V / 120V
- Hole Size: φ75mm



Smart Spot Light

- Model: IP20
- Voltage: 220V
- CCT: 2700-6500K
- Hole Size: φ75mm



Smart Ceiling Light

- Model: YH-XD-30
- Voltage: 220V
- Wattage: 30W
- Lumen: 2160lm
- CCT: 3000-6500K
- Size: φ300*H40mm



Smart Magnetic Grille Light

- Material: Metal
- Voltage: 48v DC
- Wattage: 12w
- CRI: 90
- Lumen: 850lm



- Material: Metal
- Voltage: 48v DC
- Wattage: 10w
- CRI: 90
- Lumen: 850lm

Smart Magnetic Flood Light

- Material: Metal
- Voltage: 48v DC
- Wattage: 10w
- CRI: 90
- Lumen: 850lm

Smart Magnetic Spotlight

- Material: Metal
- Voltage: 48v DC
- Wattage: 10w
- CRI: 90
- Lumen: 600lm

Smart Magnetic Pendant Light

- Display: 10.1" Touch Screen
- Resolution: 1920x1200
- Input: 12v/1A
- Power Supply: Neutral and Live Wire
- Dimensions: 241x160x20mm
- Communication Protocol: Wi-Fi, FastCon
- Control Methods: Voice, App, Touch Black

10" Smart Screen

- Display: 12.3" Touch Screen
- Resolution: 1920x720
- Input: AC 110-250v
- Power Supply: Neutral and Live Wire
- Dimensions: 357x143.5x13.5mm
- Communication Control: Wi-Fi, FastCon
- Control Methods: Voice, App, Touch
- Color: Black

12.3" Smart Screen

- Model: BLBFSN.24RD
- Product Dimensions: 88x60mm
- Operating Voltage: AC 220V
- Detection Angle: Range covered

Smart 24GHz mm Wave Sensor

- Material: Metal
- Voltage: 48v DC
- Wattage: 12w
- CRI: 90
- Lumen: 800lm

Smart Magnetic Foldable Grid Light

- Model: LC2A-LB-1/LC2A-LB-2/LC2A-LB-3
- Input: 220-240v AC
- Power Supply: Live wire (No neutral required)
- Max Load (per gang): ≤200W (LED Lamp) / ≤200W (INC Lamp)
- Min Load (per gang): ≥7W (LED Lamp) / ≥5W (INC Lamp)
- Number of Gang(s): 1, 2, 3
- Color: White

Smart Light Switch

- Model: LCF-LB-1/LC3F-LB-2/LC3F-LB-3
- Input: 220-240v AC
- Power Supply: Live wire (No neutral required)
- Max Load (per gang): ≤200W (LED Lamp) / ≤200W (INC Lamp)
- Min Load (per gang): ≥7W (LED Lamp) / ≥5W (INC Lamp)
- Number of Gang(s): 1, 2, 3
- Color: White/Grey/Black

Smart Light Switch - Flying Asparas Series

- Model: SRD4
- Power Input: DC 2.7-3V (AAA Batteries *2)

Door Sensor

- Model: SR4M
- Power Input: DC 2.7-3V (AAA Batteries *2)

Radar Motion Sensor

- Model: LD3232GY-W/Max
- Color: Starry Gray
- Case Material: Aluminum Alloy
- Panel Material: 2.5D Tempered Glass/ML
- Operating Voltage: 5000mAh 7.4V
- Screen: 3.97" Peephole Screen

Smart Door Lock

- Model: LC2F-LB-1/LC2F-LB-2/LC2F-LB-3
- Input: 220-240v AC
- Number of Gang(s): 1, 2, 3
- Color: White/Grey/Black

Smart Light Switch - Ai Bird Series

- Model: LC1A-NB-1/LC1A-NB-2/LC1A-NB-3/SC1A-NB-4/SC1A-NB-6
- Input: AC100-240v
- Color: White/Gold/Grey/Black

Smart Light Switch - D8 Series

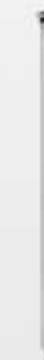
- Model: SC1A-NB-4 / SC1A-NB-6 AC
- Voltage: 100-240v
- Power Supply Neutral and Live wire
- Color: White / Gold / Grey

Smart Scene Switch

- Image Sensor: 1/2.9" 2 Megapixel CMOS
- Effective Pixels: 1920(H)*1080(V)
- Lens & FOV (H/V/D): 3.6mm@F2.0, 85°/46°/100°
- IR Distance: Night Visibility Max, 10m

Smart Camera

- Model: CM-DKW01B
- Voltage: 100-240V
- Rated Power: 22W
- Input Current: 0.1NM
- Max Load: 50KG

Smart Curtain Motor

- Model: CM-3LW01B-25
- Rated Power: 20W
- Torque: 2NM
- Max Load: 8KG
- Diameter: 20mm

Smart Tubular Motor

- Model: WS-RDS1B
- Color: White / Gold / Grey

Multi-function Smart Switch

- Display: 4" Touch Screen
- Resolution: 480x480
- Input: AC 90-250v
- Power Supply: Neutral and Live Wire
- Dimensions: 86x86x25mm
- Communication Protocol: Wi-Fi, FastCon
- Control Methods: Voice, App, Touch
- Color: Black

4" Smart Screen

- Display: 8" Touch Screen
- Resolution: 1280x800
- Input: AC 110-250v
- Power Supply: Neutral and Live Wire
- Dimensions: 390x230x370mm
- Communication Protocol: Wi-Fi, FastCon
- Control Methods: Voice, App, Touch
- Color: Black

8" Smart Screen

- Communication Method: 2.4G Wi-Fi
- Power Supply: 5V DC
- RF Frequency Range: 315 : 305-335MHz 433: 430-440MHz
- Product Dimensions: 114.6mm*108.8mm*36.5mm

RM Max

- Model: IHG2-BL
- Voltage: DC 5V/1A (Micro USB)
- Communication Mode: Wi-Fi 802.11 b/g/n (2.4GHz)

Smart Gateway

- Model: AGJ1-BF
- Input: DC12V, 0.5A
- MEAS: 106mm*96mm*58mm

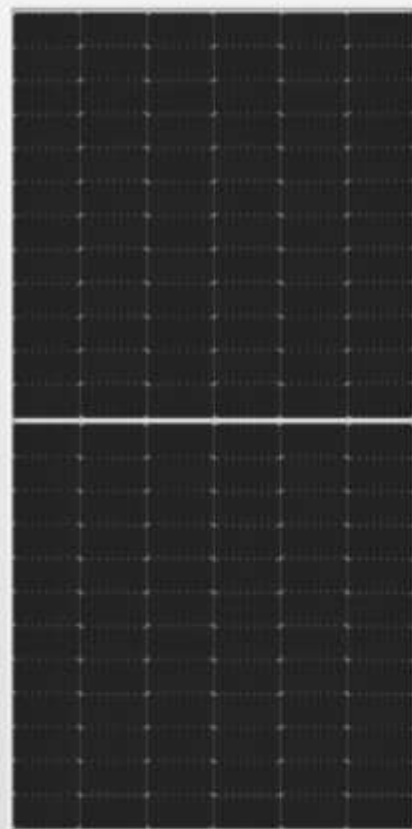
Smart AC Controller

LONGi



Solar Panel

Hi-Mo 6 Explorer



- Black frame module
- Module Efficiency up to 22.0%
- 15 year warranty for materials and processing
- 25 year warranty for extra linear power output
- 1st year power degradation no more than 1.5%
- Subsequent annual power degradation no more than 0.40%



LONGi
Hi-MO 6

LR5-54HTH
415-430M

20.8KG
 Weight

1722x1134x30mm
 Dimension

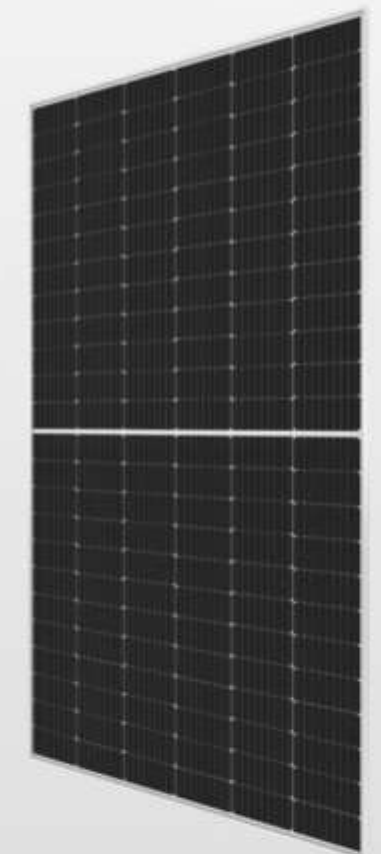
**36pcs pallet/
216pcs 20'GP/936pcs 40'HC**
 Packing

SOLAR SOLUTIONS:

- Residential Solar
- Commercial Solar
- Solar Farming

FEATURES:

- High Efficiency Cells
- Aesthetic Appearance
- Outstanding Performance
- Market Leading Reliability





Microinverter Solution

IQ7A Microinverter



- Plug-N-Play
- Enphase Cloud Services Software Defined Architecture Advanced Grid Functions
- Most Scalable - Modular System Future Proofing
- Highest Performance - Burst-Mode Technology



Smarter. Safer. Tougher

Envoy-S



IQ8P Microinverter



- Lightweight, compact, and plug-and-play
- Power line communication (PLC) between components
- Quick installation with simple two-wire cabling
- Class II double-insulated enclosure
- Optimized for high-powered PV modules
- Remote automatic updates for grid requirements
- Meets IEC 61727, EN/IEC 62109-1/2, UL 1741, IEEE1547 standards

powerbox[®]



Automatic Transfer Switch



Busduct



Cable Tray



Motor Control Center



**Capacitor Bank/ Detuned
Capacitor Bank**



Dry-type Distribution Transformer



Enclose Circuit Breaker



Low Voltage Drives



Low Voltage Switchgear



MV Switchgear



Panel Board



Thermoplastic Panel Board



**Data Rack/Battery
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