

ATS

Electrical and Automation Solutions



REALIZATIONS



The mechanical integrity of your assets is crucially important. To help ensure maximum productivity, ATS offers lifecycle maintenance administration profiles that will minimize service costs. ATS Service Engineering Team is ready to help the customer minimize downtime and loss of revenue.

ATS offers a full range of services in order to support customers every step of the way throughout the project:

Warranty

ATS offers 12 months standard warranty policy with a high level of support.

Training on Solutions and Products

ATS provides technical training on:

- Electrical distribution and control
- Energy Management
- Advanced products (VSD, PLC...)

Assistance on Commissioning

ATS assists you on commissioning your installation when required. Test report books are provided for all ATS switchboards.

Engineering and Recommendations

With our experience, ATS can support you on designing your electrical installation and provide tips & advices for your projects.

Markets:

Building
Manufacturing
Infrastructure
Energy

Experties:

MV Distribution
and Protection

LV Distribution
and Protection

Automation & control

Lightning
and Storm Protection

LED Lighting



Electrical and Automation Solutions

Welcome to ATS Solutions, the lead division of ATS Distributor and Projects. Our combined experience, engineering, responsiveness and competitive pricing have made ATS, a leader in LOW Voltage Electrical and Automation Solutions in Cambodia, with a track record of over 100 major projects both in Phnom Penh and Cambodian Provinces, for over 15 years...

LV Distribution and Protection



Main Distribution Boards (MDB)
Sub Distribution Boards (SDB)
Motor Control Center (MCC)
Cable Trays, Cable Ladder,
Cable Trunking
Automatic and Manual Transfer
Switch Panels (ATS/MTS)
Capacitor Bank Panels



MV Distribution and Protection



Ring Main Unit)
MCSG - Metal Clad Switchgears
Compact Substation up to 1500KVA
Compact Air Insulated Switchgear



Power Transformer up to 4000KVA



We turn on your Comfort with innovative and cost effective solutions in Electrical Distribution and Industrial Control

Automatic and Manual Transfer Switches (ATS & MTS)

They provide changeover, source inversion or switching under load, between 2 low voltage power circuits. ATS and MTS are often installed in association with a backup generator. When the main power supply fails, the generator will be able to work as a temporary source (when used with ATS panel, it will start and stop automatically when required).



In addition, the ATS panel continually monitors the quality of power sources, taking in account under/over voltage, phase loss, phase's sequences.

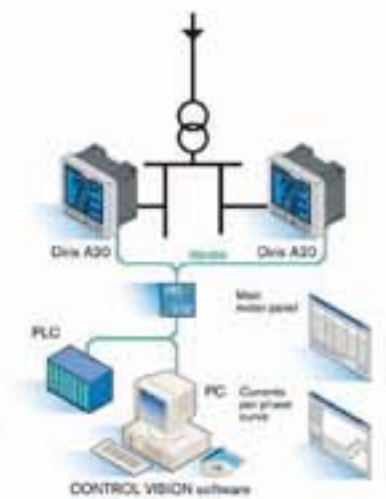
Busway Lines



Starting from few storeys buildings, the use of Busway lines allows consequent money saving compared to the use of copper cables (only one Busway line for several floors) and makes electric installation safer decreasing the risk of fire. Thanks to Busway lines, your company can decrease distribution energy loss by 15%, with no overheating, therefore saving on your energy bills.

Energy Management System (EMS)

An EMS is a computer-aided tool used in buildings and factories to monitor, control, and optimize the performance of an electric installation. It consists in metering energy using a network of energy and/or multimeters, all linked to a computer which centralize all the data.



It allows you to know the geographic and per usage consumption in order to reduce it and optimize your electric installation. Thanks to the EMS, you can save until 35% of energy on your electricity bills.

Capacitor Banks

Capacitor banks are installed in the electrical room to improve the power factor which is related to the inductive load mainly caused by motors. The capacitors create a capacitive load which compensates the inductive load thereby improving the power factor.



Most power utilities have penalties when your power factor drops below a certain value and will ask you to improve it using a capacitor bank.

Expertise in Products:

➤ Power Transfer Switch:

- Manual Transfer Switch (MTS)
- Automatic Transfer Switch (ATS)
- Load Break Switch

➤ Power Distribution:

- MCB, MCCB, ACB
- RCCB & RCBO

➤ Power Efficiency & Measurements:

- Kilo Watts Hour Meter
- Voltmeter & Ammeter
- Power Factor Meter
- Current Transformer
- Multi-meter

➤ Power Control & Protection:

- Thermal Overload Relay
- Motor Circuit Breaker
- Variable Speed Drive (VSD)
- Contactor

➤ Lightning Protection:

- Lightning Air Terminal
- Digital Flash Counter
- Obstruction Lights
- Surge Arrestor
- Storm Monitor

➤ Electrical Accessories:

- Comb Busbar
- Distribution Block
- Pilot Device
- Terminal Accessories
- Wiring Accessories

Products:



Power Transfer Switches



Power Distribution & Protection



Automation and Control



Power Efficiency



Metal Enclosure



Lightning Protection



LED Lighting

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