

AAGE

Trading & Contracting

Qatar's Leading Electrical
Materials Supplier for
**Oil & Gas, Infrastructure,
Industrial and Projects**

An ISO 9001,14001,45001 Certified Company



SOFT COPY QR CODE



www.aageqatar.com
info@aageqatar.com

COMPANY
PROFILE



H. H. Sheik Tamim Bin Hamad Al- Thani

Emir, State of Qatar

About Us:

Over the past few years, the State of Qatar witnessed and was blessed with unprecedented growth in the country's pursuit of progress. The growing economy fueled the development of various sectors, among which was Trading & Contracting.

AAGE Trading & Contracting WLL was established based on Integrity, Honesty, Trustworthiness, Commitment to Quality, which form its Core Values and Ideals.

These values are ingrained into our company's culture and are followed in every aspect of our business operations through four major principles: No compromise on Product Quality, On-Time Delivery, Continues investment to identify cost effective products & solutions and a strong commitment to Customer Satisfaction.

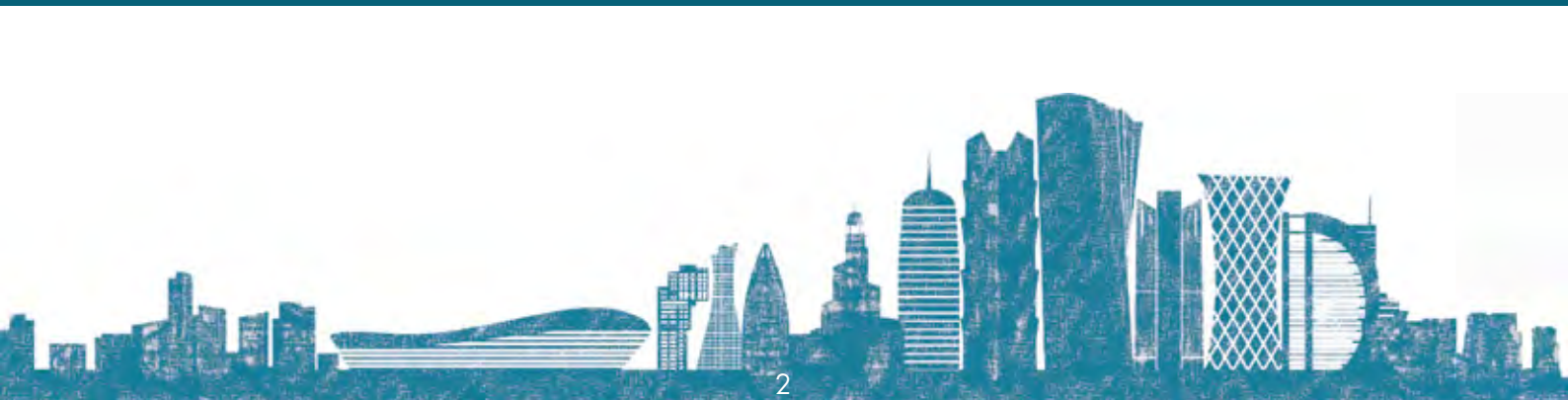
We are committed to a steady growth along with our long-term Vision which comes in line with Qatar Vision 2030 and future endeavors.

IMS Certified Company:

- . **ISO 9001: 2015 – Quality Management System**
- . **ISO 14001: 2015 – Environmental Management System**
- . **ISO 45001: 2018 – Occupational Health and Safety Management System**

Our Services extends by collaborating with the best companies and agents across the world providing reliable products to our clients. In doing so, we build an excellent track record and add value to our customers.

“Your needs, AAGE deeds”





Vision

To achieve substantial and continuous growth while delivering world class solutions for customers.



Mission

To provide outstanding service performance and dependable supplies to our customers within all our operating markets.



Values

We will earn our customers' confidence and loyalty based on our core values of Reliability, Responsibility, Quality, Integrity, Performance

QUALITY, HEALTH, SAFETY & ENVIRONMENTAL POLICY

AAGE TRADING AND CONTRACTING W.L.L Management is committed to provide and ensure customers satisfaction through the highest level of services and aspires to become the benchmark organization.

Our Quality, Health, Safety and Environmental Policy and the principles are adopted and practiced at all the levels of the company. These are adequately exhibited through our operations and activities.

In every endeavor to achieve the policy stated above, we strive to ensure the following:

- Effective implementation of Quality, Health, Safety & Environmental Management System and demonstrating continual improvement in all processes.
- Prevention of pollution by limiting waste, promoting recycling and initiating energy saving activities.
- Progressively reduce the environmental impacts of its operations by reducing emissions, effluents discharges/wastes and improve economic & efficient use of natural resources and energy.
- Ensure that all employees receive adequate and suitable training to enable them to understand and perform their role to achieve superior Quality, Health, Safety & Environmental performances.
- Provide appropriate PPE (Personal Protective Equipment) in accordance with the work requirements.
- Keep work sites clean to create a congenial environment for the health and safety of our employees.
- Comply and abide by all laws and regulations applicable and relevant to its operational work areas within the framework of a Quality, Health, Safety & Environmental Management System.
- Complying with the customers requirements.

This QHSE policy will be communicated to all employees and documented and reviewed periodically to ensure that the policy is concurrent with the Company's mission.

AAGE

Trading & Contracting





Okaya has been a symbol of trust and quality for years making it a pioneer in the battery manufacturing industry. It produces a wide range of batteries, suitable for all kinds of application, with a very diverse product category viz. Tubular Battery- Inverter Battery and Solar Battery, SMF Battery, and E-Rickshaw Battery. It is the sole manufacturer of 100% Tubular Batteries, which is considered as best for power back up needs, used both in Inverter and Solar Batteries. The batteries are manufactured in an eco-friendly; ISO certified automated plants and are capable of being completely recycled, thereby minimizing wastage and living up to its responsibility towards the environment. It confirms that all the products are made of the best quality material, using the latest technology, so you get nothing but the best.

PRODUCTS

- Electrical Vehicle (EV) Chargers
- UPS
- Inverters

Wide Range of batteries

- SMF/VRLA Batteries
- Automotive Batteries
- Tubular Battery
- Inverter Batteries
- Solar Batteries
- Car Batteries
- Fire Alarm Battery
- E-Rickshaw Batteries



EV Charging Station Upto 142 KW



Wall Mounted EV Charger



UPS



Wide Range of Batteries



Inverter



Solar System



HBL

HBL Power Systems Limited is one of the world's leading manufacturers of advanced-technology batteries (Lead Acid, Nickel Cadmium & Special Defense) & DC systems for various industries.

HBL products are widely acknowledged to be reliable, safe, cost-efficient, of long-life and respectful of the environment.

The first products selected and successfully developed were Aircraft batteries - eventually leading to HBL offering the world's widest range of specialized batteries.

Our expertise in batteries generated opportunities and ideas to diversify. The company moved into new businesses and markets that utilize our batteries, such as industrial electronics, defense electronics, and railway electronic signaling.

PRODUCTS

- Nickel-Cadmium Batteries
- Lead Acid Batteries
- Specialized Defense Batteries



100 Kwh Energy Storage System



Nical Cadmium Battery



Battery Rack Arrangement

NOVACELL

NOVA Electronics Company Limited is a high-tech enterprise incorporating design, manufacture, sales and marketing of rechargeable Lithium ion/polymer, Ni-MH, Ni-Cd batteries and related battery packs and systems. Our products are widely used in consumer electronics products like laptop computer, digital media players, smart phone, digital cameras, cordless tools, bluetooth, emergency lighting, solar lamp and numerous favors of IT gadgets.

"Aims to be a super solution provider for green energy storage" is the enterprise mission of NOVA

NICKEL BATTERY

- Compared with lead-acid battery, the energy density is greatly improved, with weight energy density of 65Wh/kg and volume energy density of 200Wh/L.
- High power density, large current charge and discharge.
- Good low-temperature discharge characteristics.
- Cycle life (increased to 1000 times)
- Environmental protection and no pollution.
- Technology comparison of lithium-ion battery mature.

ADVANTAGES

- Long Service Life: Under normal use, NI-MH batteries can provide more than 1000 charge/discharge cycles, or 5 years of standby power.
- Superior High-Rate Charge/Discharge Characteristics: The cell can be fully charged in 1 hour with NI-MH specified charging conditions, and can withstand a discharge rate up to 10C
- Wide Temperature Range: The cell exhibits super efficiency and durability for both high temperature and low temperature operations, at the range from -10 C-degree to 70 C-degree.
- Excellent Overcharge Performance: NI-MH batteries can be continuously overcharged at 0.1Crate for 48 hours without leakage or deformation.
- Good Charge Retention: After 1-Month storage at 20±5 C-degree, a fully charged cell can still deliver approx. 70% of its nominal capacity
- Built-in Safety Features Against Misuse: Built-in chemical protection against polarity



12V, 4500mAh
Nickel Cadmium



6V, 4000mAh
Nickel Cadmium



1.2 to 4.8V, 4000mAh
Nickel Cadmium

SOCOMEK, created in 1965, is committed to deliver a wide range of value-added services to ensure the availability of customers' critical installation, the safety of customers' site operations and the performance optimization of customers low voltage equipment during its life cycle. The expertise and proximity of its specialists are there to ensure the reliability and durability of customers' equipment.

PRODUCTS

- Metering, monitoring & power quality
- Power Factor Correction
- Load break switches
- Transfer switches
- Electronic protection
- Enclosures & accessories



Enclosed Load Break Switches 16 to 1250 A



Multifunction
Meters



Multifunction Performance
Metering & Monitoring



Multifunction
Power Monitoring

Solution for Energy Efficiency



SIRCO
Load Breaker Switch



SIRCOVER
Manual Transfer Switch



Bypass Switch

Solution for Power & Control



ATyS



ATyS p M



ATyS Controller

Solution for Power, Control & Safety



Polyester (FRP/GRP/FGRP) Products

LLOYDS manufacture a wide range of specialized polyester products to meet the requirements of Engineering and Construction Industries in the GCC and European markets.

Material

The composite material, which our products are made of and which is more popularly known as Fibre-glass Reinforced Polyester (FRP/FGRP) or Glass-fibre Reinforced Polyester (GRP), has proven advantages over other conventional material primarily because of its multiple properties, high strength to weight ratio, versatility & cost effectiveness in long term use.

Advantages

- Polyester cabinets are non-conducting by nature
- Fire retardant and self-extinguishing
- Resistant to corrosive and chemical environments
- Higher strength to weight ratio
- Easy to install
- Virtually maintenance free (occasional cleaning recommended)
- Can be machined easily

Accessories

Various accessories are available as standard and optional depending on the type and size of the cabinets.

Special Cabinets

Customer specified cabinets can also be manufactured (conditions apply), to meet special requirements with regard to the following and more;

- | | |
|--|---|
| • External colour-finish | • Shutter location |
| • Fire rating | • Internal shutter |
| • IP-Rating (Ingress Protection from solids & liquids) | • Provision of extra shutters on sides/back |
| • Mounting arrangement | • Internal partitions vertically/horizontally |
| • Non -standard transparent view windows | • P.U. foam insulated walls |



Handle Lock



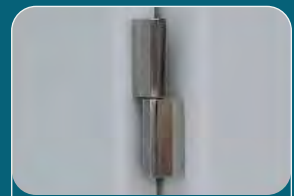
View Glass



Cam Lock



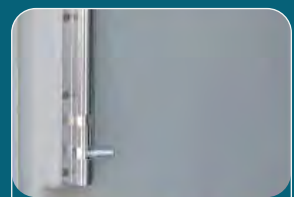
Gasket



Hinges



Mounting Studs & Plate



Internal Latch



Al Dana Switchgear was founded in 2011 and began with an essential focal point of serving the electrical industry with quality switchgear and electrical components in the region of Qatar. AAGE is an authorized distributor that offers a broad line of electrical products, including Low Voltage, High Voltage electrical switchgear & Water, and Electric Meter Cabinets.

We understand the demand for highly efficient and reliable power systems in the market today hence our collaboration is to provide integrated solutions for power control systems where custom design and engineering are a requirement.

PRODUCTS

- 11 KV Indoor Switchgear
- LV Switchgear
- Water Meter Service Cabinet
- Electrical Meter Service Cabinet
- Feeder Pillar
- Service Cabinet



**KAHRAMAA APPROVED
Electrical Meter Service Cabinet**

Dimension:
W 600mm, H 830mm, D 200mm



**KAHRAMAA APPROVED
Water Meter Service Cabinet**

Dimension:
W 300mm, H 600mm, D 200mm



McKinley is a leading Engineering and Manufacturing Company in the State of Qatar. AAGE is an Authorized distributor that provides complete HVAC solutions, Ventilation system solutions, Substation Doors, Windows, and Fire-rated doors for all kind of projects.

PRODUCTS

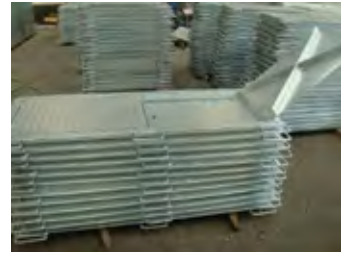
- Kahramaa Solid Door
- Kahramaa Sand trap Louver & door
- Fire Rated doors
- Industrial Fans
- Ventilators
- Access Doors
- Rectangular & Spiral Ductworks
- Flat Oval Ducts & Flexible Ducts
- Double Wall Duct works



Industrial Fans



Fire-rated Doors & Ventilators



Chequered Plates

We specialize in custom metal works.



Suppliers and Installers of 'Steel Sandtrap Louver Doors & Windows' for The KAHRAMAA Substations



TECSYSTEM identifies itself in a small-medium company, which can offer to the market a wide range of electronic and electromechanical devices, developed for the temperature control of motors, generators, gen-sets and transformers.

TECSYSTEM group has, right now, more than 60 human resources, most of them working at head office in Italy where are concentrated activities like Sales & Administration, R&D, Engineering and Production.



Temperature Controller T154



Temperature Controller NT935

PRODUCTS

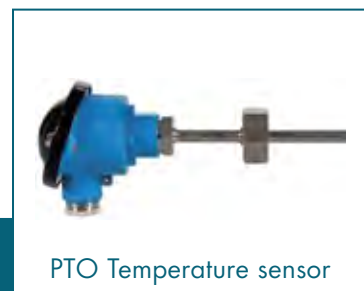
- Temperature control of MV dry type and cast resin transformers
- Temperature control of oil power and hermetic transformers
- Temperature control systems for electrical machines
- Ethernet connectivity and data management
- Accessories and Temperature sensors



Sensors wiring box



PT100 / PTC Simulator



PTO Temperature sensor



Sensors wiring box



PT100 Temperature sensor



TIR409 Infrared sensor

Your partner for energy monitoring and electrical safety

For over nearly four decades, Control elettronica has been designing and manufacturing low voltage electrical devices for industrial applications. Founded in 1985 in Lodi, Italy, Control elettronica is a privately owned company and has been managed by the same family.

Among the first Italian companies to achieve ISO 9001 certification in 1992, Control elettronica has a wide range of products that comply with the strictest requirements of international standards.



Temperature Measuring Unit



Multifunction Meter

PRODUCTS

- Earth Leakage Relays
- Digital Multimeters
- Energy Meters
- Alarm Systems
- Insulation Monitoring Devices
- Current
- Voltage Transformers are just some of the products designed and built by Control elettronica.



Solution for Energy Efficiency



Scolmore Group is one of the UK's leading manufacturers of electrical accessories. The company is proud to be a British-based, family-run business with an international reputation for quality, innovation and exemplary customer service.

The company is committed to harnessing the very latest technologies and developing superior-performing, competitive-priced products which allow installation projects to be completed quickly and easily.

PRODUCT RANGE

The smooth, clean lines of Definity products provide the ultimate finishing touch to a feature packed range of decorative domestic electrical accessories.



definity
SCREWLESS
WIRING ACCESSORIES



Click Seera is manufactured in the UK, designed to provide a competitive cost-effective equivalent range of white moulded accessories with a sleek, slim design creating a modern aesthetic.



seera
SIMPLY STYLISH
WIRING ACCESSORIES



A comprehensive selection of metal clad electrical accessory products. Electrophoretically coated plates and back boxes provide a durable and long-lasting heavy-duty finish to this attractive range of products.



METAL CLAD
ELECTROPHORETICALLY
COATED PLATES AND
BACK BOXES



Can be used for 3 & 4 pole requirements; including emergency lighting circuits. Quickly and safely connect and disconnect luminaires to ceiling roses in areas that require fast installation & maintenance. The new ceiling rose is also suitable for BESA box mounting.



essentials[®]
**QUICK CONNECT
CEILING ROSE**



Click Isolators are compact and easy to install. The base mounted mechanism provides for easier termination and more wiring room. High impact resistant base and cover ensure safety during after installation. The two sections are sealed with a one piece weather seal gasket.



CLICK UK
**WEATHERPROOF
WIRING ACCESSORIES**



The IP66-rated weatherproof socket and switch enclosures offer users a single fix installation - with the whole of the back box fixing to the wall to accommodate the socket or modules. Multiple knock-outs on each side (20mm) allow for entry from all angles, and a flexible rubber base with rear entry gasket provides extra weatherproof protection.



AQUIP[®]
**WEATHERPROOF SOCKETS
AND SWITCHES**



Our aim quite simply is to bring to market - on the back of extensive research with customers and contractors - a range of Ovia lighting products that will provide contractors with the quickest and easiest to install lighting solutions that will save them time and money on a project and that they can source through the reliable wholesale channel.



OVI[®]
***** Technology

**A COMPREHENSIVE
RANGE OF LIGHTING**



ESP Ducerri offers a comprehensive range of electronic security and fire detection solutions Which includes CCTV, Access Control, Video Door Entry, Fire Protection products and Emergency Lighting collection.



esp ducerri



**ESP[®] EMERGENCY
LIGHTING RANGE**



OBO Bettermann stands for tradition and innovation in equal measure since 1911 in India and has product range comprises 30,000 articles for the electrical infrastructure of buildings and is categorized into the three application areas of industrial installations, building installations and safety and protection installations. As a globally active company, OBO systems use the latest digital technology to connect people and products across vast distances and cultural borders.



Industrial Installation

Cable support systems and connection and fastening systems for industry and construction project infrastructure

- Cable trays
- Mesh cable trays
- Cable ladders
- Industrial ducts
- Support structures
- Electrical installation pipes
- Power supply unit
- Wiring ducts
- Distributors
- Junction boxes
- Plastered and cavity wall
- Terminals
- Cable glands
- Installation and fastening clips
- Anchors and fastening systems



Building installations

Cable routing and underfloor systems for administrative and functional buildings including architectural solutions

- Electrical installation ducts and trunking
- Device installation ducts and trunking
- Skirting trunking
- Service poles
- Underfloor applications, in screed
- Underfloor applications, in concrete
- Underfloor applications, on-floor
- Service outlets and cassettes for underfloor applications
- Floor sockets and floor boxes
- Installation housing and support
- Connectable connection technology, Wieland GST18, WAGO WINSTA
- Tabletop sockets
- Sockets, switches, data and multimedia technology



Safety and protection installations

Lightning, surge and fire protection systems

- Surge protection
- Explosion protection
- Lightning protection
- Earthing
- Equipotential bonding
- Insulation - Maintenance of the fire sections
- Cable bandages – prevention of the spread of fire
- Escape route installations - false ceiling mounting
- Fire protection ducts – protection of escape routes
- Systems for the maintenance of electrical functionality - Cable-specific routing variants
- Systems for the maintenance of electrical function - standard support structures and routing systems
- Systems for the maintenance of electrical functionality – Fire Box T series junction boxes
- Anchorings



Eco water tank cooler is an effective device to reduce the temperature of water in the water tank in summer season. It is designed to work in outside temperature which is fixed on water tank. AAGE is an Authorized distributor in Qatar for the new water tank cooler, Making your shower time more cool and serene through our latest product.

Exceptional economical product with low power consumption and guaranteed result. Giving you extra benefit by reducing chlorine level from water, eradicating many health problems. Keep your worries in summer away with the new Eco Cool water tank cooler

WATER TANK COOLER

A COOL
SHOWER
MAKES YOUR
DAY



LOW POWER
CONSUMPTION

FEEL
THE TRUE
COOLNESS
OF LIFE

HAVE AN ECO COOL
WATER TANK COOLER



PROTECT
FROM
HAIR FALL



L&T Electrical & Automation

L&T Electrical & Automation (E&A) is a market leader for electrical distribution, monitoring, and control solutions in the low voltage category. Popular among customers as L&T Switchgear, E&A offers a wide range of low and medium voltage switchgear, motor starters, electrical systems, industrial automation, building electrical solutions, energy management solutions, electrical modernization solutions, and metering solutions.

SIEMENS

High-performance protection makes your power supply future-proof. Protection relays are essential for network operators, electricity suppliers, and industrial enterprises in every sector. For over 100 years, Siemens has been offering successful and always innovative SIPROTEC and Reyrolle protection relays and technologies in the Industries.



One of the leading manufacturers of Power & Distribution Transformers & LV/MV Switchgears. All manufacturing plants are IMS certified (ISO9001-ISO14001-OHSAS18001) with the range of manufacturing the Power Transformers (500 MVA, 220 kV class), Distribution Transformers (3 MVA, 33 kV class), Special Duty Transformers for the Oil & Gas Sector viz. Multitap & Package/Pocket Substations.



More than 20 years of experience in the research, design and manufacture of transformers and reactors has made EMG Power Electric an international industry leader and a primary company. The various technologies used in the cooling of components, have enabled EMG Power Electric to master all application fields: energy distribution, civil and military marine, offshore, fixed, and mobile rail traction as well as in the mining and renewable energy sectors.

Raychem

from TE Connectivity

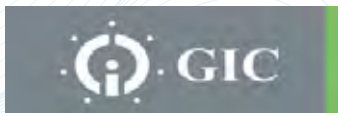
TE connectivity is a global technology and manufacturing leader creating a safer, sustainable, productive, and connected future. For more than 75 years, being used and well accepted on underground cable networks, overhead lines, substations, renewable energy projects, rail & metro construction, mining sites, marine power and nuclear plants.

DEEP SEA ELECTRONICS

DSE has been designing and delivering industry leading engine and single-set and multi-set generator control solutions, Automatic transfer switch control solutions and commercial battery charger. The company is committed to providing the highest levels of support within the industry and regularly provides on-site and off-site training and development courses for all customers.

masibus

Masibus is one of the top automation companies among industrial automation and instrumentation products and solutions such as Data Acquisition, Controllers, Indicators, Power Monitoring. Masibus has been quick to adopt and incorporate new technologies like Ethernet and Wireless into the industrial automation solutions that are offered.



Established in 1972, General Industrial Controls Private Limited (GIC) are the manufacturer of Process Control - Timers, PLC's, GSM Controllers, Protocol & Interface Converters, Signal Transducers, Temperature Controllers, Modular Power Supplies, Automation and Instrumentation products, Current, Voltage, Frequency and Level Monitoring Devices, Converters & Transducers.

TECHNICAL ARTICLE

AC/DC FORMULAS				
To Find	DC	AC		
		1 ϕ , 115 or 220 V	1 ϕ , 208, 230, or 240 V	3 ϕ – All Voltages
I, HP known	$\frac{HP \times 746}{E \times E_{ff}}$	$\frac{HP \times 746}{E \times E_{ff} \times PF}$	$\frac{HP \times 746}{E \times E_{ff} \times PF}$	$\frac{HP \times 746}{1.73 \times E \times E_{ff} \times PF}$
I, kW known	$\frac{kW \times 1000}{E}$	$\frac{kW \times 1000}{E \times PF}$	$\frac{kW \times 1000}{E \times PF}$	$\frac{kW \times 1000}{1.73 \times E \times PF}$
I, kVA known		$\frac{kVA \times 1000}{E}$	$\frac{kVA \times 1000}{E}$	$\frac{kVA \times 1000}{1.763 \times E}$
kW	$\frac{I \times E}{1000}$	$\frac{I \times E \times PF}{1000}$	$\frac{I \times E \times PF}{1000}$	$\frac{I \times E \times 1.73 \times PF}{1000}$
kVA		$\frac{I \times E}{1000}$	$\frac{I \times E}{1000}$	$\frac{I \times E \times 1.73}{1000}$
HP (output)	$\frac{I \times E \times E_{ff}}{746}$	$\frac{I \times E \times E_{ff} \times PF}{746}$	$\frac{I \times E \times E_{ff} \times PF}{746}$	$\frac{I \times E \times 1.73 \times E_{ff} \times PF}{746}$



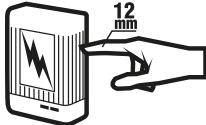

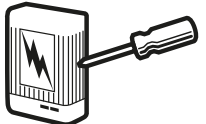

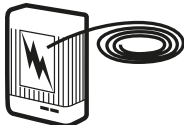







HORSEPOWER FORMULAS				
To Find	Use Formula	Given	Example Find	Solution
HP	$HP = \frac{I \times E \times E_{ff}}{746}$	240 V, 20 A, 85% E _{ff}	HP	$HP = \frac{I \times E \times E_{ff}}{746}$ $HP = \frac{20 \text{ A} \times 240 \text{ V} \times 85\%}{746}$ $HP = 5.5$
I	$I = \frac{HP \times 746}{E \times E_{ff} \times PF}$	10 HP, 240 V, 90% E _{ff} , 88% PF	I	$I = \frac{HP \times 746}{E \times E_{ff} \times PF}$ $I = \frac{10 \text{ HP} \times 746}{240 \text{ V} \times 90\% \times 88\%}$ $I = 39 \text{ A}$

VOLTAGE DROP FORMULAS – 1 ϕ , 3 ϕ					
Phase	To Find	Use Formula	Given	Find	Solution
1 ϕ	VD	$VD = \frac{2 \times R \times L \times I}{1000}$	240 V, 40 A, 60' L, .764 R	VD	$VD = \frac{2 \times R \times L \times I}{1000}$ $VD = \frac{2 \times .764 \times 60 \times 40}{1000}$ $VD = 3.67 \text{ V}$
3 ϕ	VD	$VD = \frac{2 \times R \times L \times I}{1000} \times .866$	208 V, 110 A, 75' L, .194 R, .866 multiplier	VD	$VD = \frac{2 \times R \times L \times I}{1000} \times .866$ $VD = \frac{2 \times .194 \times 75 \times 110}{1000} \times .866$ $VD = 2.77 \text{ V}$

VOLTAGE DROP VARIABLES			
V = Voltage (in V) V _s = Supply voltage (in V) I = Current (in A)	VD = Voltage drop (in V) K = Resistivity of conductor (in Ω) L = Length of conductor (in ft)	%VD = Percent voltage drop (in V) R = Resistance of conductor (in Ω /kft) 1000 = 1000 or less of conductor	V _l = Voltage loss (in V) CM = Circular mils (in area) $.866 = \frac{\sqrt{3}}{2}$

TECHNICAL ARTICLE

IP (Ingress Protection) Ratings Guide

SOLIDS		WATER	
1	 <p>Protected against a solid object greater than 50 mm such as a hand.</p>	1	 <p>Protected against vertically falling drops of water. Limited ingress permitted.</p>
2	 <p>Protected against a solid object greater than 12.5 mm such as a finger.</p>	2	 <p>Protected against vertically falling drops of water with enclosure tilted up to 15 degrees from the vertical. Limited ingress permitted.</p>
3	 <p>Protected against a solid object greater than 2.5 mm such as a screwdriver.</p>	3	 <p>Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted for three minutes.</p>
4	 <p>Protected against a solid object greater than 1 mm such as a wire.</p>	4	 <p>Protected against water splashed from all directions. Limited ingress permitted.</p>
5	 <p>Dust Protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment. Two to eight hours.</p>	5	 <p>Protected against jets of water. Limited ingress permitted.</p>
6	 <p>Dust tight. No Ingress of dust. Two to eight hours.</p>	6	 <p>Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.</p>
<p>Rating Example:</p> <div> <div>IP</div> <div>6</div> <div>5</div> </div> <p>INGRESS PROTECTION</p>		7	 <p>Protection against the effects of immersion in water between 15 cm and 1 m for 30 minutes.</p>
		8	 <p>Protection against the effects of immersion in water under pressure for long periods.</p>

"Your Needs, AAGE deeds"

AAGE updating the product range on a regular basis to fulfill our customer requirements and market needs, please do contact us on info@aageqatar.com



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To stay updated with our news  Instagram  Facebook  LinkedIn  Twitter