

ELECTRICAL ITEMS

Cables :

Specification:

XLPE Insulated Power Cable

- 0.6 / 1kV XLPE Insulated Unarmoured Cables
- 0.6 / 1kV XLPE Insulated Armoured Cables
- 1.8 / 3kV XLPE Insulated Armoured Cables
- 3.6 / 6kV XLPE Insulated Single Core Cables
- 3.6 / 6kV XLPE Insulated Three Core Cables
- 6 / 10kV XLPE Insulated Single Core Cables
- 6 / 10kV XLPE Insulated Three Core Cables
- 8.7 / 15kV XLPE Insulated Single Core Cables
- 8.7 / 15kV XLPE Insulated Three Core Cables
- 12 / 20kV XLPE Insulated Single Core Cables
- 12 / 20kV XLPE Insulated Three Core Cables
- 18 / 30kV XLPE Insulated Single Core Cables
- 18 / 30kV XLPE Insulated Three Core Cables
- 76 / 132kV Insulated Single Core Cables

PVC Insulated Cables

- CU/ PVC Insulated Cables
- PVC Insulated, PVC Sheathed Unarmoured Cable
- PVC Insulated, PVC Sheathed Armoured Cable
- PVC - Covered Aluminium Conductors
- PVC Insulated, PVC Sheathed Unarmoured With Reduced Neutral Cable (3C+E)
- PVC Insulated, PVC Sheathed Armoured With Reduced Neutral Cable (3C+E)



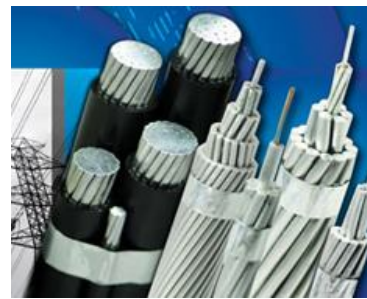
All Cables



Cables



Fire Resistant Cables



Aluminium Cables

Aluminium Conductor, Aluminium Cables, Optical Fiber Grounding Wire (OPGW)

- Bare All Aluminium Conductor (AAC)
- Bare All Aluminium Alloy Conductor (Bare AAAC)
- Bare Aluminium Conductor Steel Reinforced (ACSR)
- PVC - Covered Aluminium Conductors
- Low Voltage Aerial Bundle Cable complying to Tenaga Nasional Berhad Requirement
- Aerial Bundle Cable Complying to AS/NZS 3560.1
- Aerial Bundle Cable Complying to DES/LVC/ABC Specification
- OPGW Cable

Telecommunication Cables

- Fully Filled, Unit Twin Cable For Secondary Network (PEUT FF)
- Polyethylene Insulated, 25 Pair Unit Twin, Moisture Barrier Sheathed Telephone Cable (PEUT)
- Polyethylene Insulated Moisture Barrier Sheathed, Unit Twin Type, Integral Bearer For Aerial Erection (PEUT IB)
- Cable Plastic Twin Pair, Triple and Unit Types, Internal Cable
- Jumper Wire
- 1 Pair Cable Self Supporting Drop Wire 0.63mm AND 0.9mm
- 2 Pair Cable Self Supporting Drop Wire 0.63mm
- Cable Polyethylene Insulated, Unit Twin, Fully Filled, Moisture Barrier Sheathed
- Cable Polyethylene Unit Twin
- Cable Polyethylene Twin & Cable Polyethylene Twin – Screened
- Polyolefin Copper Conductor Telecommunication Cables
- Supervisory Communication Pilot Cable 250V
- 5 Pair and 10 Pair, Pilot, 1.5mm², CU/PE/DSTA/PVC Cable
- Supervisory Communication Pilot Cable 250V
- 20 Pair Pilot Cables



PVC Cables



Telecommunication Cables



XLPE Cables

OPGW serves as a conventional overhead ground wire with the added benefit of providing high capacity and reliable fiber optic communications to serve current and future needs.

Insulated power cables are used for low voltage application.
ABC cables are used for outdoor overhead distribution line.
ACSR and Aluminium conductors are used for overhead transmission line.

Conduits :

Specification :

Salient Features

- Durable
- Easy installation
- Cost effective
- Low maintenance
- Long operating life

Application Areas

- Building construction
- Chemical industry
- Telecommunication
- Plumbing etc.

Nominal Size Available (OD)

20mm, 25mm, 32mm, 40mm, 50mm, 63mm

Mechanical Strength

Light (LMS), Medium (MMC), Heavy (HMS)

Colours Available

Ivory, Black and Blue



Conduit Fittings



Conduit Pipes



PVC Conduits

DG Sets :



Transformers :



Diesel Generators :

Specification :

Ready to use, silent, compact and light weight

The ready to use DG sets are smaller and lighter than any other DG set in it's class, thus giving you the advantage of optimizing your valuable space.

Silent Power Generator / Environment Friendly Power

Our DG sets are available with the lowest noise levels in it's range and are CPCB certified for emissions compliance, thus offering you environment friendly power.

Our genset powered by the reliable diesel engine meets stringent exhaust emission tests as per MOEF norms without sacrificing fuel efficiency at normal operating loads.

Lowest operating costs

All elements of the DG sets are designed from the start to work together to maximize efficiency, even at part loads, thus



offering you the advantage of lowest operating costs.

Single source power assurance

The rugged and reliable DG sets are unique, because all the major components - the engine, alternator, control system and canopy are designed, manufactured and tested. This, complemented by the largest customer support network in India, capable of providing round-the-clock service and spares support, offers you SINGLE SOURCE POWER ASSURANCE from the world leaders in power generation.



Standard scope :

Engine

Our engines are rated at 1500 RPM and conform to ISO 8528 specifications. The engines are radiator cooled, four stroke and multi-cylinder, conforming to BS 5514 / ISO 3046.. The scope of supply includes:

- Electrical starter motor 12V DC
- Battery charging alternator
- MICO fuel system with mechanical governor
- Dual spin-on fuel filter
- Spin-on full flow lub oil filter
- Residential silencer
- Dry type air cleaner
- Recovery bottle
- Shut-off coil with safeties for LLOP/HWT
- Flywheel and flywheel housing
- First fill of lube oil and coolant

Alternator Stamford alternator :

- + 1.0 % Voltage regulation (max.) in static conditions
- IP: 23 Enclosure
- Permissible overload of 10% for one hour in 12 hours of operation

Mounting arrangement

Engine and alternator are mounted on a common MS fabricated base frame with AVM pads.

Control panel

The control panel is manufactured with 14/16 gauge CRCA sheet and is powder coated for a weather-proof, long lasting finish.

The control panel consists of following parts:

- Standard engine instrumentation
- Multi function meter which measures: :
 - Individual phase current (Amps)
 - Phase voltages (V)
 - Generator output frequency (Hz)
 - Engine water temperature (Deg.C)
 - Lube oil pressure (kg/cm²) and equipped with hour counter
- MCB of suitable rating
- Key switch
- Push button (Starter)
- LED: Battery charging alternator fail indication
- Current transformers
- Instrument fuses duly wired and ferruled