



Customized Power Solutions

Flood Light Generating Sets



AL Mohandes International Company **AMi** Power Generation Specialists.

Design, Manufacturing, Supply, Install and After-sales Service For The Following:

Generator Sets

- Diesel & Gas Generating Sets 5-2500 kVA
- Diesel Power Packs 10-600 KW
- DC Welding Sets
- Pump Sets (General Purpose & Fire Fighting)

Canopies

- Soundproof Canopies
- Weatherproof Canopies
- Super Silent Canopies

Trailers

- Single, double & triple axles up to 60 Tons load capacity
- Low Bed Trailer
- High Speed Trailers (up to 65 Km/hr)

Switchgears

- Manual Transfer Switch (MTS)
- Automatic Mains Failure Starting (AMF)
- Automatic Transfer Switch (ATS)
- Automatic Synchronizing & Load Sharing

Special Products

- Flood Light Mobile Sets
- Dual Use (Generator / Engine / Pump) Sets
- Dual Use (Generator / Engine / Compressor) Sets

Turn Key Energy Project

- Power Stations (Diesel Or Gas) up to 25 MW
- Cost Analysis
- Technical Support
- Load calculations, analysis and selection.

Flood Light Gensets Rating

| AMI Model | 50 Hz, 3 phase, (380 - 400) volts | |
|-----------|--------------------------------------|-----------------------|
| | Prime Power kVA | No. of Lighting Units |
| TLR 0906 | 6 | 6 |
| TLR 0908 | 8 | 8 |
| TLR 0910 | 10 | 10 |
| TLR 0914 | 14 | 14 |
| TLR 0918 | 18 | 18 |

* For ratings above 15kW, please consult AMI.

* Number of lighting units can be changed according to customer requirements.

- 1- **Flood Light Sets** AMI develop a range of mobile flood light sets, meet various industrial applications requirements.
- 2- **Engine and AC Alternator** Multi cylinders diesel engine-air or water cooled-close coupled to STAMFORD Alternator.
- 3- **Flood Light Main Characteristics**
 - The engine and alternator are close coupled and mounted on a common heavy- duty fabricated steel base frame.
 - Equipped with Stamford AC-Alternator.
 - Trailer mounted.
 - Rigid, sectionel, lighting mast, 6-9 meters height.
 - Manual or hydraulic Crane.
 - External power socket.
 - Road lights and reflectors.
 - Weatherproof canopy.
 - Soundproof canopy.
 - Halogen or metal halide lighting.
- 4- **Flood Light Daily Fuel Tank** Flood light built in daily fuel tank of a canopy for 8 hours continuous operation.
- 5- **Flood Light Control Panel** Manual controlled to control and protect the genset.
- 6- **Flood Light Circuit Breaker** Enclosed in a separate enclouser, mounted on the genset base frame.
- 7- **Exhaust silencer**
 - Excellent stability during operation.
 - Quiet operation.
 - Highly reliable.
 - Unsurpassed economic operation.
 - Highly safe operation.