

Standby Generation & Maintenance - 3

AVK|SEG (UK) Ltd

Standby Generation

AVK|SEG offer the largest selection of engine types and ratings in the world. This, coupled with our extensive design and installation knowledge ensures functional reliable power scheme designs.



AVK|SEG (UK) Ltd specialises in Standby Gensets, open for Plant Room Design and also acoustic canopies ISO containers or bespoke housings for Power Schemes.

For design and space planning data on our range of Diesel Generator systems please refer to the Generator System Design Section.

Service & Maintenance

All electrical equipment requires regular servicing to ensure reliable and efficient operation. System failure can be disastrous and costly. Based from our Maidenhead offices, our specialist technical team provides the following:

- Diesel Generator Maintenance
- UPS Systems
- Battery Maintenance
- UPS Maintenance
- Maintenance Contracts
- Site Surveys
- Load Analysis
- Load Banks Hire

Load Banks

AVK|SEG (UK) Ltd have invested in our own fleet of Load Banks to enable them to provide additional service to our customers. The Load Banks are fully adjustable up to 1MW and can be used during commissioning and maintenance to prove the integrity of the UPS or Diesel Generator installation, including the battery. The Load Bank incorporates a microprocessor that enables special tests to be undertaken utilising the computer. Times testing sequences can be present along with transient wave forms.

Hire UPS

AVK|SEG (UK) Ltd can provide Containerised UPS Systems mounted on a trailer for short or long term hire with a rapid response. The Containerised Hire UPS comes complete with its own battery and output distribution switchboard. If you are undergoing a Major System Modification you will need a High Integrity UPS System which gives you that Critical Power Support in a Hurry! Main Features Include:

- 500KVA-IMVA Protect 4 UPS
- 20 ft Standard ISO Container
- Redundant Cooling Systems
- Manageable Installation
- 10 Minute Battery
- Can be integrated with Standby Genset
- Integrated Switchgear & Distribution
- Trailer mounted for simple site access

Protection Relays & Electrical Components

The Components Division of AVK|SEG supplies an extensive range of high quality electrical products ranging from simple pushbuttons to full HV protection and control schemes. We are the exclusive UK and Ireland suppliers of the Woodward SEG protection relays. We also stock the Austrian company Schrack Technik's huge range of electrical components.

In addition to supplying these product ranges we offer full after sales support as well as on site commissioning services and G59 testing.

Our range of protection relays include:

- Overcurrent & Earth Fault
- Restricted Earth Fault
- G59 Relays
- Lock Out & Trip Circuit Supervision
- Generator Protection
- Transformer Protection
- Feeder Protection
- Self Powered Relays

Diesel Generators



AVK John Deere 20-440kVA

AVK Volvo 200-700kVA

AVK Mitsubishi 5-44kVA

AVK Mitsubishi 1275-2200kVA

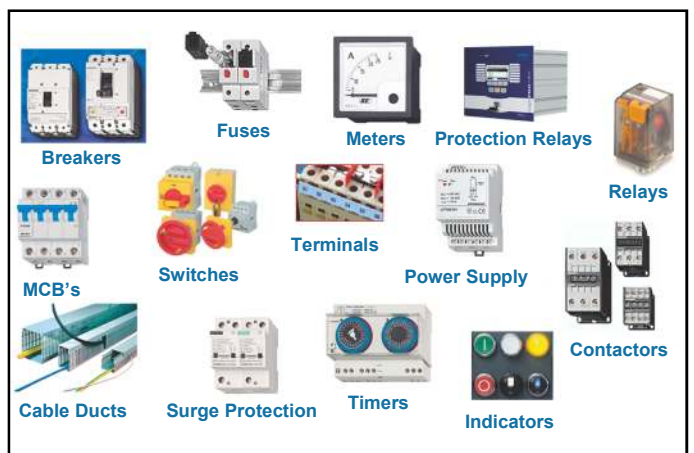
AVK MTU 715-3300kVA



Load Bank



Hire UPS



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