

AVK/MTU/DIESEL GENERATORS

715-3300kVA

AVK/MTU Diesel Generators from 715-3300kVA

AVK/MTU Diesel Generators

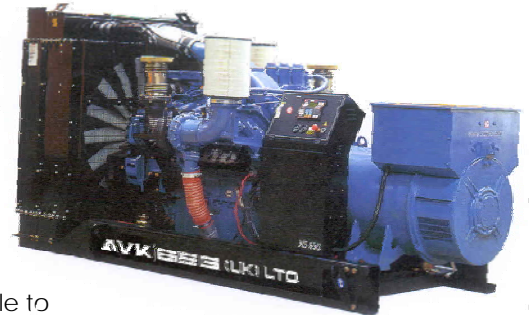
From 715 to 3300kVA, AVK | SEG (UK) LTD can supply you with a quality, reliable power source to accompany your project. Over this power range we can supply you with a set configured to your specifications, our scope of work normally includes the installation and commissioning of your power plant with full project management.

Modularity and Protection

Starting from the basic version, you define the functions of your set: continuous use, standby power plant, soundproofed container... A wide selection of electrical and mechanical options gives you great flexibility and upgradeability. A protection cabinet, with a motorised or manually controlled circuit-breaker can be provided.

Compact Sets

The Power Products 715-3300kVA generator units are available in two versions. In the **Compact** version they are installed within a building to supply electricity. Either continuously or as a security standby, they are the ideal energy source for all developments such as shopping centres, hospitals, banks, data centres or public buildings.



Containerised Sets

The sound-proofed version available is extremely simple to install. These **Containers** are positioned outside the building on a concrete slab (provided with cable and piping ducts), on a roof or simply on hard ground. The concept is very simple and economical because of its cooling, integrated silencers and sound attenuators. *(Please request our Containerised Generators leaflet for further information.)*

Electrical Panel

All generating sets can be supplied with a switchboard or control panel mounted on the set itself. *(Please request our MICS Telys Control or MICS Kerys Control leaflets for further information.)*

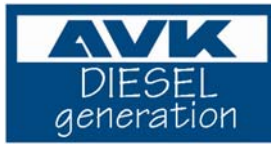
Quality Standards

The equipment meets the following standards: VDE0530, BS4999, BS5000, IEC34. The genset is manufactured by a full accredited ISO9001 TUV CERT.

For more information on our full range of Diesel Generators and UPS systems or for a full quotation, please telephone AVK | SEG (UK) LTD on 01628 503900.

Key features:

- 4 Stroke liquid controlled
- Electronic governor
- Standard air filter
- Engine adjusted for optimised emissions
- IP23 single bearing alternator
- CE compliance of control panel
- Fabricated all welded baseplate with anti-vibration mountings
- 400-230 V @ 50Hz
- Supplied with oil and coolant (-30°C)
- Lub oil drain lamp
- Protection mesh for fan and revolving parts
- Stainless steel bellows
- Heat hand protection
- Battery with cable & battery tray
- Generator without tank
- Fuel Pre-filter
- Technical documentation



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Specification

3-PHASE GENSETS													
Range	Genset Type	Genset Specifications 400/230 V ⁽¹⁾			Engine Specifications					Alternator		Compact Version ⁽¹⁾	
		kVA Cos φ 0.8		Engine Cons 75% load (L/h)	Engine type	Cyl	Bore (mm)	Stroke (mm)	Cyl (L)	Brand	Type	Dimensions LxWxH (m) ⁽⁴⁾	Weight (kg)
		PRP ⁽³⁾	ESP ⁽⁴⁾										
EXEL 1	X 715 C	650	715	109	12V2000G25	12V	130	150	23.9	LS	491S4	3.97x1.63x1.94	5041
	X 880C	800	880	131	12V2000G65/85	12V	130	150	23.9	LS	491.L9A	3.97x1.63x1.96	5441
	X1000C	910	1001	154	16V2000G25/45	16V	130	150	31.8	LS	491 L10	4.37x1.77x2.19	6177
	X1100C	1000	1100	169	16V2000G65/85	16V	130	150	31.8	LS	502 S4	4.37x1.77x2.19	6250
	X1250C	1136	1250	192	18V2000G65/85	18V	130	150	35.8	LS	502M6	4.66x2.02x2.20	7703
EXEL 2	X1540C	1400	1540	226	12V4000G23R1	12V	170	210	57.2	LS	502L8	4.00x1.88x2.16	10640
	X1650C	1200	1650	251	12V4000G23R2	12V	170	210	57.2	LS	502VL10	4.16x1.88x2.16	10820
	X1850C	1682	1850	266	12V4000G23/43	12V	170	210	57.2	LS	512S55	4.10x1.87x2.16	11405
	X2000C	1800	2000	298	12V4000G63/83	12V	170	210	57.2	LS	512S55	4.10x1.87x2.16	11405
	X2200C	2000	2200	236	16V4000G23/43	16V	170	210	76.3	LS	512M60	4.62x1.87x2.16	13280
	X2500C	2250	2500	369	16V4000G63/83	16V	170	210	76.3	LS	512VL90	4.62x1.87x2.16	14235
	X2800C	2545	2800	409	20V4000G23/43	20V	170	210	95.4	LS	53S75	5.50x2.25x2.44	17484
	X3100C	2818	3100	450	20V4000G63/83	20V	170	210	95.4	LS	54S7	5.50x2.55x2.44	18559
	X3300C	3000	3300	481	20V4000G63L/83L	20V	170	210	95.4	LS	54M9	5.60x2.25x2.44	19241

(1) The dimensions and weights are given for a defined generator according to the price list excluding options (2) Dimension are given without cooling system (3) PRP: Prime Power – Continuous duty 24/24h under variable load – 10% overload acceptable 1h/12h (ISO 8528 PRP) (4) ESP: Standby power – Standby duty – Operation under variable load 500h/year without overload – For continuous use, derate by 10% *ISO 8528: Ratings are given for a 25°C ambient temperature – For derating, please contact or refer to data sheet – Alt: 328Ft above sea level.

Other AVK | SEG (UK) LTD Diesel Generator Ranges:
(information leaflets available on request)

AVK/JOHN DEERE/20-440kVA

AVK/MTU/715-3300kVA

AVK/MITSUBISHI/6.8-44kVA
AVK/MITSUBISHI/1275-2200kVA

AVK/VOLVO/200-700kVA