



## HIRE GENERATORS – up to 500kVA

**If you need an alternative power supply we can provide it wherever and whenever you require it**

**AVK | SEG (UK) Ltd is able to offer a fleet of generators for hire up to 500 kVA.**

From 40 to 500 kVA, AVK | SEG (UK) Ltd can supply you with a quality, reliable power source to accompany your project for standby or baseload applications.

### Design Specifications

The AVK range of complete power units are built to a high quality, very reliable, and have a long life. The sets are of a compact design that are easy to start either automatically (AMF) or keystack.

### Modularity and Protection

Reliability, simplicity and adaptability: this is the assurance AVK | SEG (UK) Ltd offer you in these modular sets which provide an optimised layout of the control equipment, as well as increased accessibility for maintenance.

### Electrical Panel

All generator sets are equipped with the MICS Telys. This monitoring/control panel incorporates all the controls, safety devices and display of the state of the set.



With a very user-friendly man-machine interface, it is possible to have automatic or manual operation with extensive alarm information and interfaces.

### Quality Standards

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

### Canopies

Our hire generators are equipped with Eurosilent Canopies with typical noise levels of 70-75 dBA @ 7m. The close fit canopies offer a compact solution for external generation equipment. A base frame fuel tank is included.

**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.**



# HIRE GENERATORS

## Technical Specification

3-PHASE GENSETS																	
Genset Type	Genset Specifications <sup>(1)</sup> 400/230V						Engine Specifications						Alternator		Compact Version		
	kVA Cos φ 0.8		kWe ISO 8528		Engine		Engine type	Cyl	Bore (mm)	Stroke (mm)	Cyl (L)	TA Luft <sup>(3)</sup>	Brand	Type	Dimensions LxWxH (m) <sup>(5)</sup>	Weight (kg) <sup>(6)</sup>	Tank (L)
	PRP <sup>(6)</sup>	ESP <sup>(7)</sup>	PRP <sup>(6)</sup>	ESP <sup>(7)</sup>	kWm net <sup>(2)</sup>	Cons 75% load (L/h)											
J44K	40	44	32	35	36.4	8.4	3029TF120	3L	106	110	2.9	●	MA	ECO32-3S	1.52x0.78x1.18	780	100
J66K	60	66	48	52.8	61	12	4045TF120	4L	106	127	4.5	●	LS	432L6	1.87x0.99x1.36	1090	180
J77K	70	77	56	61.6	61	12	4045TF120	4L	106	127	4.5	●	LS	432L8	1.87x0.99x1.36	1110	180
J88K	80	88	64	70.4	73	14	4045TF1220	4L	106	127	4.5	●	LS	432L8	1.87x0.99x1.36	1110	180
J110K	100	110	80	88	88	16.5	4045HF120	4L	106	127	4.5	●	LS	442S7	1.91x0.81x1.43	1210	140
J130K	120	132	96	106	106	18.5	6068TF220	6L	106	127	6.7	●	LS	442S7	2.42x0.91x1.75	1450	300
J165K	150	165	120	132	163	25	6068HF120	6L	106	127	6.7	●	LS	442L11	2.42x0.95x1.75	1580	300
J200K	180	198	144	158	163	34.5	6068HF160	6L	106	127	6.7	●	LS	462M3	2.42x0.95x1.75	1610	300
V220K	200	220	160	176	178	31.8	TWD740GE	6L	107	135	7.3	●	LS	432M5	2.55x1.30x1.59	2090	390
V275K	250	275	200	220	217	37.5	TAD740GE	6L	107	135	7.3	●	LS	462L6	2.90x1.30x1.69	2250	390
V330K	300	330	240	264	266	46.6	TWD1032GE	6L	121	140	9.6	●	LS	462VL12	3.16x1.34x1.76	2850	470
V375K	330	375	272	300	322	55	TAD941GE	6L	138	120	9.4	●	LS	472VS2	3.16x1.34x1.76	2780	470
V410K	375	413	300	330	323	55	TAD1241GE	6L	131	150	12.1	●	LS	471M6	3.16x1.34x1.81	3190	470
V440K	400	440	320	352	352	59.5	TWD1242G	6L	131	150	12.1	●	LS	471M6	3.16x1.34x1.81	3190	470
V500K	450	495	360	396	398	70.8	TWD1630GE	6L	144	165	16.1	●	LS	471L9	3.47x1.50x1.98	3505	500
V550K	500	550	400	440	430	76.9	TWD1631GE	6L	144	165	16.1	●	LS	471VL12	3.47x1.50x1.98	3566	500

(1) Available in the following voltages: 415/240V, 400/230V, 380/220V, 200/115V, 240/120V, 230/115V, 220/110V (2) Prime Power (PRP) (3) Generating sets equipped with TA Luft Certified engines (Nox<4000mg/Nm<sup>3</sup>, CO<650mg/NM<sup>3</sup>, HC<150mg/NM<sup>3</sup>, PM<130mg/NM<sup>3</sup>) (5) Dry weight, without fuel (6) PRP: Prime Power – Continuous duty 24/24H under variable – 10% overcharge acceptable 1h/12h (ISO 8528 PRP) (7) ESP: Standby Power – Standby duty – Operation under variable charge 500h/year without overcharge – For continuous use, derated by 10% \*ISO 8528: Ratings are given for a 25°C ambient temperature. Derating, please contact us or refer to data sheet – Alt:100m above sea level. ● Standard

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