

AVK/MITSUBISHI/DIESEL GENERATORS

5-44kVA

AVK/Mitsubishi Diesel Generators from 5-44kVA

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From 5 to 44kVA, 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

Simplicity and adaptability: this is the assurance AVK | SEG (UK) LTD offer you in these modular sets. It is particularly easy to add electrical options by standardised modules, with an optimised layout of the control equipment, as well as increased accessibility for maintenance.

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.



Electrical Panel

From 16kVA upwards, all generator sets can be equipped with the MICS Telys. This monitoring/control panel incorporates all the controls, safety devices and displays the status of the set. It covers all alternator voltages from 208V to 600V (3-phase), irrespective of battery voltage, frequency, current and engine power output.

With an extremely user-friendly man-machine interface, it is possible to display over 150 configuration parameters, accessible in read only in order to monitor the set's operating state, or by access code for modification. In addition, the MICS Telys has a new wiring concept, permitting the connection of options via an array of plug in connectors.

(Please request our MICS Telys Control or MICS Kerys Control leaflets for further information.)



Canopies & Containers

A standard range of modular Eurosilent Canopies are available for system ratings from 7-800kVA with typical noise levels of 70-75dBA @ 7m. The close fit canopies offer a compact solution for external generation equipment. A base frame fuel tank is included.

For larger genset ratings ISO based container solutions are available. For special applications to meet low noise levels or combined housings for multiple engine sets, extended fuel storage etc AVK | SEG (UK) LTD can provide bespoke engineered housing or drop over canopy solutions to meet site and project requirements.

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



AVK/JOHN DEERE/20-440kVA



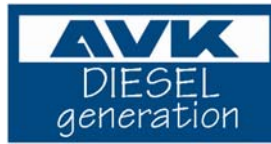
AVK/MTU/650-3300kVA



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



AVK/VOLVO/200-550kVA



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Specification

THREE PHASE GENSETS															
Range	Genset Type	Genset Specifications (1)50Hz 400/230V			Engine Specifications					Alternator		Compact Version			
		PRP(6)	kVA Cos φ 0.8	ESP(7)	Engine Cons 75% load (L/h)	Engine type	Cyl	Bore (mm)	Stroke (mm)	Cyl (L)	Brand	Type	Dimensions LxWxH (m)	Weight (kg) (5)	Tank (L)
3000 rpm	T12HK	-	12	4.2	L3 SDH (3)	3L	76	70	0.95	SO	FTMBS	1.22x0.7x0.92	260	50	
	T15HK	-	15	4.2	L3 SDH (3)	3L	76	70	0.95	SO	FT2MBS	1.241x0.72x1.03	260	50	
	T20HK	-	20	5.5	S3L2 SDH	3L	78	92	1.3		ECO3-2L	1.41x0.72x1.05	386	50	
	T27HK	-	27	6.3	S4L2SDH	4L	78	92	1.8		ECO28-2L	1.70x0.90x1.12	530	100	
1500rpm	T8	6.8	7.5	1.7	L3E.SD	3L	76	70	1.0	MA	ECO3-2S	1.22x0.70x0.92	287	50	
	T12	10.5	11.5	2.5	S3L2.SD	3L	78	92	1.318	MA	ECO3-1L	1.41x0.72x1.05	387	50	
	T16	14.5	16	3.4	S4L2.SD	4L	78	92	1.758	MA	ECO3-2L	1.41x0.72x1.05	406	50	
	T22	20	22	4.7	S4Q2.SD	4L	88	103	2.5	MA	ECO281L	1.70x0.90x1.12	560	100	
	T33	30	33	6	S4S SD	4L	94	120	3.3	MA	ECO28VL	1.70x0.90x1.14	660	100	
	T44	40	44	7.3	S46 DT	4L	94	120	3.33	MA	ECO323S	1.70x0.90x1.16	680	100	

SINGLE PHASE GENSETS															
Range	Genset Type	Genset Specifications (1)400/230V			Engine Specifications					Alternator		Compact Version			
		PRP(6)	kWe ISO 8528	ESP(7)	Engine Cons 75% load (L/h)	Engine type	Cyl	Bore (mm)	Stroke (mm)	Cyl (L)	Brand	Type	Dimensions LxWxH (m)	Weight (kg) (5)	Tank (L)
1500 rpm	T11HKM	-	10.5	4.2	L3E SDH	3L	76	70	0.95	MA	ECO3-2L	1.22x0.70x0.92	287	50	
	T6KM	5	5.5	1.7	L3E SD	3L	76	70	0.95	MA	ECO03-2S	1.22x0.70x0.92	280	50	
	T9KM	7.8	8.6	2.5	S3L2 SD	3L	78	92	1.30	MA	ECO3-2L	1.41x0.72x1.05	396	50	
	T12KM	10.9	12	3.4	S4L2 SD	4L	78	92	1.75	MA	ECO28-1L	1.41x0.72x1.05	452	50	
	T17C2M	15.5	17	4.8	S4Q2 SD	4L	88	103	2.50	MA	ECO28VL	1.70x0.90x1.12	580	100	
	T25C2M	22.7	25	6.6	S4S SD	4L	94	120	3.33	MA	ECO32.S	1.70x0.90x1.14	710	100	

(1) Available in the following voltages: 415/240V, 400/230V, 380/220V, 240V, 230V, 220V, 220/127V, 200/115V, 240/120V – 230/115V, 220/110V (2) Prime Power (PRP) (3) Generating sets equipped with TA Luft Certified engines (Nox<4000mg/Nm³, CO<650mg/NM³, HC<150mg/NM³, HC<150mg/NM³, PM<130mg/NM³) (5) Dry weight, without fuel (6) PRP: Prime Power – Continuous duty 24/24H under variable load – 10% overcharge acceptable 1h/12h (ISO 8528 PRP) (7) ESP: Standby Power – Standby duty – Operation under variable charge 500h/year without overload – 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. ** TN9SK and TN9SKM are available only in compact version