

7 series generating sets (300-600kVA)

Scania have earned a worldwide reputation for high quality, reliable and environmentally friendly engines in the premium heavy-duty automotive market. These benefits are now available in the new '7 series' diesel generating sets with the all-new DC12 and DC16 engines, which encompass electronically controlled unit injectors.

The Sweden-manufactured engines offer premium features, normally associated with larger engines, and ensure generating sets of high performance.

All generating sets in the 7 series utilise Newage Stamford alternators. These alternators are renowned throughout the world for quality and performance and their utilisation of superior materials and processes.

7 series generating sets are available as outlined below:

Digital model:

Complete 'ready-to-run' specification with features as follows: Electronic engine speed governor, engine lubrication oil, engine sump drain piping and valve, 3-phase alternator, radiator with 50 degC ambient capability, radiator coolant drain piping and valve, coolant solution with 30% anti-freeze.

Polyester powder coated baseframe with earth stud, vibration isolators between genset and base, fuel tank (minimum 8 hours) with filler cap, flexible fuel lines, a fuel tank level gauge, fuel /water separator, exhaust manifold stub pipe, exhaust silencer.

Wiring loom /harness, 3-pole circuit breaker, earth strap, battery rack and cables on base frame, heavy duty starting battery /batteries (dry charged), InSight4000 control panel, emergency stop lock-down pushbutton.

Operator's manual pack (English - other languages available at no extra charge).

Genset control:

Standard features include a sophisticated digital electronic genset control panel, fully optionalised, with diagnostic capability. See the separate brochure for InSight4000 features and additional options.

The control panel may be upgraded to InSight5000 for AMF operation and /or for use with an automatic transfer panel.

Alternatively, it may be upgraded to InSight6000 for AutoSync with other gensets and /or the mains.

Enclosure:

Sound attenuated enclosures are manufactured from heavy gauge galvanised sheet steel (polyester powder painted for rust-proofed protection). The enclosures are fitted with extra-thick, high-density acoustic grade foam for superior performance. Access is provided by wide aperture lockable doors with corrosion resistant fasteners used throughout. The residential silencer is mounted internally for enhanced performance and heavy-duty lifting eyes are provided on the baseframe. An internally mounted centre lifting beam is available as an optional extra.

Warranty:

All inclusive 12 months warranty.



7 series
product leaflet



Feature /option	Reference	Digital	Digital Sound attenuated
Control System			
Upgrade InSight4000 to InSight5000 (including battery charger BC1)	PN5	<input type="checkbox"/>	<input type="checkbox"/>
Upgrade InSight4000 to InSight6000 (including battery charger BC1)	PN6	<input type="checkbox"/>	<input type="checkbox"/>
Engine			
Electronic governor	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coolant heater (+ auto on /off control)	WH1	<input type="checkbox"/>	<input type="checkbox"/>
Coolant drain piped to side (+ valve)	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lube oil drain piped to side (+ valve)	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Lube oil drain pump	LP1	<input type="checkbox"/>	<input type="checkbox"/>
Approaching low lube oil pressure (A)	LA1	<input type="checkbox"/>	<input type="checkbox"/>
Low lube oil pressure (S)	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
High lube oil temperature (S)	LS1	--	--
Alternator			
Anti-con heaters (+ auto on /off control)	AH1	<input type="checkbox"/>	<input type="checkbox"/>
AS440 AVR (SE – self excited)	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MX341 AVR + PMG	AR3	<input type="checkbox"/>	<input type="checkbox"/>
MX321 AVR + 3-phase sensing + PMG	AR4	<input type="checkbox"/>	<input type="checkbox"/>
Quadrature droop kit	AR5	<input type="checkbox"/>	<input type="checkbox"/>
Radiator			
Stone guard	SG1	<input type="checkbox"/>	--
Transition mounting flange	WT1	<input type="checkbox"/>	--
Flexible transition duct (loose)	WD1	<input type="checkbox"/>	--
Sound attenuator (loose)	WS2	<input type="checkbox"/>	--
Weather louvre (loose)	WW1	<input type="checkbox"/>	--
Low ambient coolant solution	WA2	<input type="checkbox"/>	<input type="checkbox"/>
Approaching high coolant temp (A)	WC2	<input type="checkbox"/>	<input type="checkbox"/>
High coolant temp (S)	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Low coolant level (A)	WS1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Low coolant temp (A)	WC1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Baseframe /Handling			
Bunded fuel basetank	BT1	<input type="checkbox"/>	<input type="checkbox"/>
Four point lift	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Single point lift	BL1	--	<input type="checkbox"/>
Fuel			
Fuel tank level gauge	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fire valve kit (loose)	FV1	<input type="checkbox"/>	<input type="checkbox"/>
Low fuel level (A)	FL1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Low fuel level (S)	FL2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Manual by-pass valve	BPV	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust			
Industrial silencer (loose)	---	<input checked="" type="checkbox"/>	--
Industrial silencer mounting kit (loose)	MK1	<input type="checkbox"/>	--
Residential silencer (option is loose)	ES1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Residential silencer mounting kit (loose)	MK2	<input type="checkbox"/>	--
Stainless steel bellows (option is loose)	EB1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
AC Power out (3 phase only)			
Circuit breaker (4-pole instead of 3-pole)	CB4	<input type="checkbox"/>	<input type="checkbox"/>
Earth leakage protection	EL1	<input type="checkbox"/>	<input type="checkbox"/>
Battery			
Low battery voltage (A)	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery isolator switch	BI1	<input type="checkbox"/>	<input type="checkbox"/>
Battery with electrolyte instead of dry	BW1	<input type="checkbox"/>	<input type="checkbox"/>
Static battery charger (5A)	BC1	<input type="checkbox"/>	<input type="checkbox"/>
Addition of battery charger boost	BC2	<input type="checkbox"/>	<input type="checkbox"/>
Battery charging system failure (A)	---	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Other			
Sound attenuating container	CEC	<input type="checkbox"/>	<input type="checkbox"/>
Tool kit	TK1	<input type="checkbox"/>	<input type="checkbox"/>
Packing case (compact set)	PC1	<input type="checkbox"/>	--
Packing case (SA canopied)	PC2	--	<input type="checkbox"/>
CE certification upgrade (compact set)	CE1	<input type="checkbox"/>	--
CE certification upgrade (SA canopied)	CE2	--	<input type="checkbox"/>
Additional operator's manuals	OM1	<input type="checkbox"/>	<input type="checkbox"/>

AJ Power Limited

1 Charlestown Drive, Carn Industrial Area, Craigavon, BT63 5GA
Northern Ireland, United Kingdom

Tel: +44 (0)28 3836 1000 Fax: +44 (0)28 3836 1010

Web: www.ajpower.net E-mail: sales@ajpower.net

In line with our policy of continuous development, we reserve the right to change specification without notice

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7 series standard options