



Burtonwood™

Generator & Switchgear Services

7 Series Generator Sets



.....the Power of Experience!

7 Series Generators- Technical Specifications

Burtonwood Generator & Switchgear Services Ltd has always been synonymous with high performance and superior products. These benefits are now available in the new '7 series' diesel generating sets with the all-new DC12 and DC16 engines, manufactured by Scania who have earned a worldwide reputation for high quality, reliable and environmentally friendly engines in the premium heavy-duty automotive market. The Swedish manufacturer offers premium features, normally associated with larger engines, such as electronically controlled unit injectors, and ensures generating sets of high performance.

All 7 Series generating sets 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.

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 models have a 12 month warranty



7 Series Open Set



7 Series SA (enclosed) Set

Feature/Options S = Standard O = Option O* = No of control panel channels is limited	Fault Codes (A) for Alarm (S) for Shutdown	Reference	Digital	Digital Sound Attenuated
Control System				
Upgrade InSight4000 to InSight5000 (including battery charger BC1)		PN5	O	O
Upgrade InSight4000 to InSight6000 (including battery charger BC1)		PN6	O	O
Engine				
Electronic governor			S	S
Coolant heater (+ auto on /off control)	WH1		O	O
Coolant drain piped to side (+ valve)			S	S
Lube oil drain piped to side (+ valve)			S	S
Lube oil drain pump	LP1		O	O
Approaching low lube oil pressure (A)	LA1		O	O
Low lube oil pressure (S)			S	S
Alternator				
Anti-con heaters (+ auto on /off control)	AH1		O	O
AS440 AVR (SE - self excited)			S	S
MX341 AVR + PMG	AR3		O	O
MX341 AVR + 3-phase sensing+ PMG	AR4		O	O
Quadrature droop kit	AR5		O	O
Radiator				
Stone guard	SG1		O	
Transition mounting flange	WT1		O	
Flexible transition duct (loose)	WD1		O	
Sound attenuator (loose)	WZ1		O	
Weather louvre (loose)	WW		O	
Low ambient coolant solution	WA2		O	O
High coolant temp (S)			S	S
Low coolant level (A)	WS1		O*	O*
Low coolant temp (A)	WC1		O*	O*
Baseframe /Handling				
Bunded fuel basetank	BT1		O	O
Single point lift	BL1			O
Four point lift			S	S
Fuel				
Fuel tank level gauge			S	S
Low fuel level (A)	FA1		O*	O*
Low fuel level (S)	FL1		O*	O*
Manual by-pass valve	BPV		O	O
Fire valve kit (loose)	FV1		O	O
Exhaust				
Industrial silencer (loose)			S	
Industrial silencer mounting kit (loose)	MK1		O	
Residential silencer (option is loose)	ES1		O	S
Residential silencer mounting kit (loose)	MK2		O	
Stainless steel bellows (option is loose)	EB1		O	S
AC Power out (3 phase only)				
Circuit breaker (4-pole instead of 3-pole)	CB4		O	O
Earth leakage protection	EL1		O	O
Battery				
Low battery voltage (A)			S	S
Battery isolator switch	BI1		O	O
Battery with electrolyte instead of dry	BW1		O	O
Static battery charger (5A)	BC1		O	O
Addition of battery charger boost	BC2		O	O
Battery charging system failure (A)			S	S
Other				
Sound attenuating container	CEC		O	O
Tool kit	TK1		O	O
Packing case (compact set)	PC1		O	
Packing case (SA canopied)	PC2			O
CE certification (compact set)	CE1		O	
CE certification (SA canopied)	CE2			O
Additional operator's manuals	OM1		O	O

**We can offer you
even more ...**



We may not know what power generation services you would like but we do know we have already developed a solution for your application.

We would be pleased to send you more details on any of the products listed below. Simply photocopy this page with your information requests marked and send to the fax number at the foot of this page nearest your location.

Don't forget to put your own details so we can respond.

- Diesel Generators
- Switchgear Services
- Generator Hire
- Generator Maintenance
- Switchgear Maintenance
- Training
- Installation

Contact name

Company name

Street

Town

Postcode

Telephone

Fax



We would like an on site consultation
Please contact us on the above telephone
number to arrange a mutually convenient
appointment.

Contact name

Position

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