



S4L2-W462DG

Tier 4 Final
18.1kW @ 1800 rpm

SPECIFICATIONS

Model	S4L2-W462DG
Type	4 cycle water-cooled, vertical overhead valve, cylinder in line, swirl chamber type
Bore X Stroke (mm)	78mm x 92mm
Cylinder Arrangement	1 - 3 - 4 - 2
Total Displacement	1.758
Combustion System	IDI
Dry Weight- kg/lbs.	160kg
Starting System	Electric
Fuel Oil	Diesel

POWER RATING

Constant	18.1kW/1800rpm
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CONSTRUCTION

Ribbed thin-wall cast iron crankcase for added strength and durability
Internal crankcase breather for reduced emissions
Extra large bearing surfaces for low bearing loads and long life

EMISSION CONTROL SYSTEM

Electronic Governor

LUBRICATION

Designed to run at 25° degrees of inclination and includes a full flow spin-on cartridge filter
Forced circulation by gear pump
Oil Capacity: S4L2: 1.58 gal. (6.0 ltr)

COOLING

Forced coolant circulation by centrifugal pump
Cooling packages available for ambient temperatures up to 108° F (42° C)
Cooling Fan (Std. Eqt.)

FUEL & COMBUSTION SYSTEMS

Bosch style fuel injection pump
Indirect injection combustion system for low noise and emissions
Cylinder head is a pre-chamber design to increase efficiency of combustion

ELECTRIC SYSTEM

Starter: 12V, 1.7kW
Alternator: 12V, 50 amp with integral regulator
Glow Plugs: 12V
High water temperature and low oil pressure switches
Stop Solenoid: 12V integrated ETR stop solenoid eliminates external linkage

MOUNTING

Standard crankcase side mounting pads for flexible mounting arrangements
Rear engine support available from side mounting pads on SAE 5 housing

DRIVES

SAE 5 flywheel housing and 7.5 in SAE flywheel
Rotation direction: counter-clockwise, facing the flywheel end
Side PTO drives are available for mounting at the gear end