



SK - SERIES

59 to 128 HP

	Model			S4K-T	S6K-T
Specifications	Type			4-cycle, water-cooled, diesel engine	
				Turbocharged	
	Cylinder arrangement-Bore x Stroke (mm)			102 x 130	102 x 130
	Engine Configuration			Inline 4 Cyl.	Inline 6 Cyl.
	Total Displacement - Liters			4.249	6.373
	Combustion System			Direct injection	
	Dry Weight kg/lbs.			350 / 722	475 / 1048
	Starting System			Electric starting with cell starter	
	Fuel Oil			Diesel fuel oil (ASTM No. 2-D)	
Power Unit	Continuous	1500 rpm	44.1 (59.1)	62.8 (84.2)	
		1800 rpm	51.3 (68.8)	73.6 (98.7)	
	Power Rating Output kWm (HP)	2000 rpm	52.2 (70.0)	75.4 (101.1)	
		2200 rpm	53.1 (71.2)	72.2 (103.5)	
	One-hour	1500 rpm	49.0 (65.7)	69.8 (93.6)	
		1800 rpm	57.0 (76.4)	81.8 (109.7)	
	Power Rating Output kWm (HP)	2000 rpm	58.0 (77.7)	83.8 (112.3)	
		2200 rpm	★ 59.0 (79.1)	★ 85.8 (115.0)	
Generators	Prime Power	50Hz	1500 rpm	54.0 (72.5)	80.0 (107.5)
		60Hz	1800 rpm	53.3 (71.5)	86.5 (116.0)
	Stand-By	50Hz	1500 rpm	59.0 (79.0)	88.0 (118.0)
		60Hz	1800 rpm	★ 58.5 (78.5)	★ 95.5 (128.0)
★ EPA CERTIFIED					

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.

LUBRICATION

- Full flow spin-on cartridge filter.
- Forced circulation by a trochoid gear pump.
- Oil Capacity: S4K-T 3.17 gal (12 lit.)
S6K-T 5.42 gal (20.5 lit.)

FUEL & COMBUSTION SYSTEMS

- Direct injection combustion system.
- Bosch style fuel injection pump.
- Injection nozzles are multi-hole type.

MOUNTING

- Standard crankcase side mounting pads for flexible mounting arrangements.
- Rear engine support available from side pad mounting pads on SAE 3 housing.

COOLING

- Forced circulation by centrifugal pump.
- Cooling packages available for ambient temperatures up to 122°F (50°C).
- Cooling Fan (Std. Eqt.): Variable Speed (VS) – Suction
Generator Drive (GS) – Pusher

ELECTRIC SYSTEM

- Alternator: 24V, 35 amp with integral regulator.
- Starter: 24V, 5.0kW
- Glow Plugs: 24V
- High water temperature and low oil pressure switches.
- Stop Solenoid: 24V, energized to stop (ETS) solenoid.

GOVERNING

Mechanical governing is provided for either variable or constant speeds.

DRIVES

- SAE 3flywheel housing and 11.5 inch flywheel (GD & VS models).
- Rotation direction: counter-clockwise, facing the flywheel end.
- Limited power hydraulic drives are available for mounting at the gear end.