

12000 KVA Perkins Containerized Diesel Generator Power Plant

12000 KVA/9600 KW consists of (9) Sound Attenuated Containerized Diesel Generator sets, (8) Engine Model: 4012-46 TAG, 4 stroke, V12 configuration, direct injection, turbo charged, diesel engines with Stamford Alternators, (1) Engine Model: 2506C-E15, 4 stroke, inline 6 cylinder, direct injection, turbo charged with Stamford Alternators, Year: 2009 and 2011, 1500 rpm, 50 HZ, Hours: 146, 210, 228, 228, 237, 237, 3502, 3688 & 3692, (4) 3000 KVA Transformers, Electrical Control Room, Fuel Tank System. Complete Diesel Generator Plant in very good condition, installed on site. The generator plant was installed and maintained by OEM. We are offering the generator plant disassembled from site, packaged for shipping, loaded to transport and shipped to the nearest port from the previous site. The generator plant is a complete package and can be set up in a very short amount of time to generate power to your site.

Unit 01

Container SWTU
Model: P1500
Engine: Perkins 4012-46TAG 2A
Alternator P1734 C1
Year: 2011
Hours: 237

Unit 02

Container SWTU
Model: P1500
Engine: Perkins 4012-46TAG 2A
Alternator P1734 C1
Year: 2011
Hours: 237

Unit 03

Container SMSU
Model: P1650,
Engine: Perkins 4012-46 TAG 2A
Alternator P1734 C1
Year: 2009
Hours: 3688

Unit 04

Container SMSU
Model: P1650

Engine: Perkins 4012-46 TAG 2A
Alternator P1734 C1
Year: 2009
Hours: 3692

Unit 05

Container SWTU
Model: P1500
Engine: Perkins 4012-46 TAG 2A
Alternator P1734 C1
Year: 2011
Hours: 228

Unit 06

Container SWTU
Model: P1500
Engine: Perkins 4012-46TAG 2A
Alternator P1734 C1
Year: 2011
Hours: 228

Unit 07

Container SMSU
Model: P1650
Engine: Perkins 4012-46 TAG 2A
Alternator P1734 C1
Year: 2009
Hours: 3502

Unit 08

Container SWTU
Model: P1250
Engine: Perkins 4012-46TWG 2A
Alternator P1734 C1
Year: 2011
Hours: 210

Unit 09

Container SWTU
Model: P500
Engine: Perkins 2506C-E15 TAG 2

Alternator: HCI534D1
Year: 2011
Hours: 146

Perkins 4012-46 TAG Diesel Engine Generator Set

Engine dimensions*

Maximum width	2198.0 mm
Maximum height	2258.0 mm
Maximum dry weight	6086.0 kg

General

Bore	160.0 mm
Stroke	190.0 mm
Displacement	45.8 litres
Aspiration	Turbocharged and air-to-air charge cooled
Rotation (from flywheel end)	Anti-clockwise
Number of cylinders	12 Vee
Cycle	4 stroke
Compression ratio	13.1:1

Combustion system	Direct injection
Cooling system	Liquid
Total coolant capacity	210.0 litres
Total lubricating capacity	177.0 litres
Engine Dimensions*	
Minimum length	3383.0 mm
Maximum length	3915.0 mm
Minimum width	1775.0 mm
Minimum height	2255.0 mm
Minimum dry weight	4400.0 kg
Disclaimer	
* Final dimensions dependent on selected options (includes tropical specifications)	
Emission Standards	
Emissions	Capable emissions of TA Luft (1986)
Power Rating	
Mechanical output	842-1583 kWm

Electrical output	1000-1880 kVA (800-1504 kW _e)
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Rated speed	1500/1800 rpm
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500 KW/625 KVA Perkins Model: 2506C-E15 Diesel Engine Generator Set

General

Bore	137.0 mm
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Stroke	171.0 mm
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Displacement	15.2 litres
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Aspiration	Turbocharged and air-to-air chargecooled
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Rotation (from flywheel end)	Anti-clockwise
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Number of cylinders	6 vertical inline
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Cycle	4 stroke
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Compression ratio	16:1
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Combustion system	Direct injection
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Cooling system	Liquid
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Total coolant capacity	58.0 litres
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Total lubricating capacity	62.0 litres
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Engine Dimensions*

Length	2657.0 mm
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Width	1120.0 mm
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Height	1718.0 mm
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Dry weight	1633.0 kg
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Disclaimer

* Final dimensions dependent on selected options

Emission Standards

Emissions	Certified against the requirements of EU 2007 legislation for non-road mobile machinery, powered by constant speed engines (EU 97/68/EC Stage II)
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Power Rating

Mechanical output	396-543 kWm
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Electrical output	455-625 kVA (364-500 kWe)
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Rated speed	1500/1800 rpm
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