

ON-450

Power by Perkins

2506C-E15TAG1

Prime power: 360KW/450KVA

Standby power: 400KW/500KVA

GENERATING POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator. Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

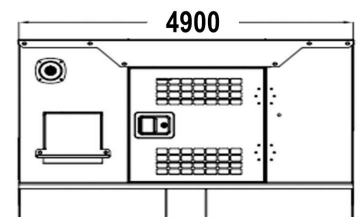
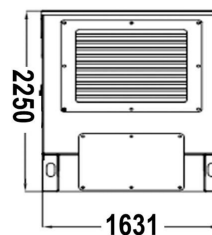
The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals. Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.



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DIMENSION		OPEN TYPE	SILENT TYPE
Length (L)	mm	3115	4900
Width (W)	mm	1380	1631
Height (H)	mm	1850	2250
Dry weight	kg	3700	4500
Fuel tank	L	700	700

Technical Data

Model ON-450

Rated prime power	KW	360
Rated standard power	KW	400
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤72

Engine

Model	2506C-E15TAG1	
Aspiration	Turbocharged air-to-air charge cooling	
Fuel system	mechanical pump	
No. cylinders	6	
Displacement	Liquid	15
Bore*Stroke	mm	137*171
Compression ratio	16:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	400
Governor type	ECU	

Exhaust system

Exhaust gas flow		85.0 m³/min
Exhaust gas temp	° F (° C)	N/A
Max back pressure		6.8 kPa

Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow		TBD

Fuel system

100% load(Prime power)	L/h	99
75% load(Prime power)	L/h	73
50% load(Prime power)	L/h	51
Fuel tank capacity	L	700

Lubrication system

Oil capacity	L	62
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	58
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator

Model	ON-450	
Phase	3	
Voltage	V	380~415
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	360
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±1.0
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller

- Model
- Protective functions:
- Low oil pressure
 - High water temperature
 - High/low voltage
 - High Engine Temperature and Overspeed.
 - Voltage regulator frequency regulator
 - Emergency stop
 - Start failure



Control Module Options



- Auto generator control module
- Control module with "Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

