

ON-225

Power by Perkins

1506A-E88TAG2

Prime power: 180KW/225KVA

Standby power: 200KW/250KVA

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

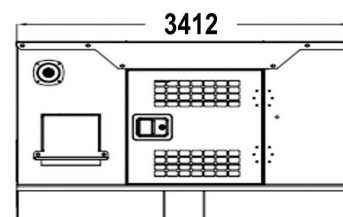
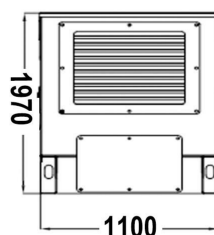
The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.



DIMENSION			OPEN TYPE	SILENT TYPE
	Length (L)	mm	2470	3412
	Width (W)	mm	1100	1100
	Height (H)	mm	1700	1970
	Dry weight	kg	2250	2750
	Fuel tank	L	360	360

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Technical Data

Model ON-225

Rated prime power	KW	180
Rated standard power	KW	200
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤72

Engine

Model	1506A-E88TAG2	
Aspiration	Air to air after cooled,turbocharged	
Fuel system	mechanical pump	
No. cylinders	6	
Displacement	Liquid	8.8
Bore*Stroke	mm	112*149
Compression ratio	16.1:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	200
Governor type	Electrical	

Exhaust system

Exhaust gas flow	34.4 m³/min	
Exhaust gas temp	° F (° C)	<550
Max back pressure	10 kPa	

Aspiration system

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

Fuel system

100% load(Prime power)	L/h	48.6
75% load(Prime power)	L/h	35.7
50% load(Prime power)	L/h	23.5
Fuel tank capacity	L	360

Lubrication system

Oil capacity	L	41
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	29.6
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator

Model	ON-225	
Phase	3	
Voltage	V	380~415
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	180
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

