

ON-213

Power by Perkins

1206A-E70TAG1

Prime power: 170KW/213KVA

Standby power: 187KW/233KVA

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

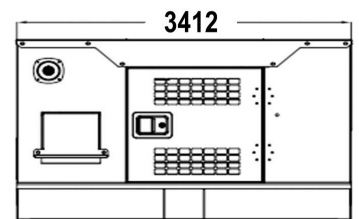
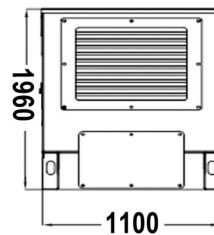
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	2390	3412
Width (W)	mm	1100	1100
Height (H)	mm	1650	1960
Dry weight	kg	2100	2600
Fuel tank	L	350	350

Technical Data

Model ON-213

Rated prime power	KW	170
Rated standard power	KW	187
Rated voltage line to line	V	220~480
Maximun sound level	dB(@7m)	≤ 72

Engine

Model	1206A-E70TAG1	
Aspiration	TTA	
Fuel system	mechanical pump	
No. cylinders	6	
Displacement	Liquid	7.01
Bore*Stroke	mm	105*135
Compression ratio	15.8:1	
Rated speed	r/min	1800
Rated net power(with fan)	Kw	187
Governor type	ECU	

Exhaust system

Exhaust gas flow	28.14 m ³ /min	
Exhaust gas temp	° F (° C)	< 485
Max back pressure	15.0 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	54.55
75% load(Prime power)	L/h	40.4
50% load(Prime power)	L/h	27.8
Fuel tank capacity	L	350

Lubrication system

Oil capacity	L	16
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	25
Thermostat operation range	° C	76-88
Max water temperature	° C	98

Alternator

Model	ON-213	
Phase	3	
Voltage	V	220~480
Bearing	1	
Power factor	0.8	
Frequency	Hz	60
Prime power	KW	170
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

