

# ON-150

Power by Perkins

# 1106A-70TG1

Prime power: 120KW/150KVA

Standby power: 132KW/166KVA

## 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

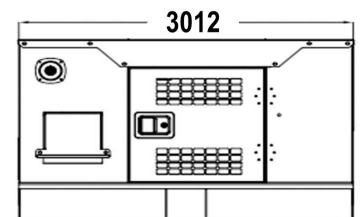
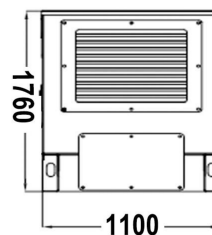
The compact and robust design with integrated transport features enables faster and safer transport and installation.

### Reduced service & maintenance costs

Longer service intervals.  
Quicker and more efficient service jobs.

### Premium resale value

Designed and built to last.



# ONEWPOWER

[WWW.ONEWPOWER.COM](http://WWW.ONEWPOWER.COM)

DIMENSION		OPEN TYPE	SILENT TYPE
Length (L)	mm	2230	3012
Width (W)	mm	1100	1100
Height (H)	mm	1550	1760
Dry weight	kg	1500	2000
Fuel tank	L	220	220

## Technical Data

### Model ON-150

Rated prime power	KW	120
Rated standard power	KW	132
Rated voltage line to line	V	220~480
Maximun sound level	dB(@7m)	≤ 72

### Engine

Model		1106A-70TG1
Aspiration		Turbocharged
Fuel system		mechanical pump
No. cylinders		6
Displacement	Liquid	7.01
Bore*Stroke	mm	105*135
Compression ratio		18.2:1
Rated speed	r/min	1800
Rated net power(with fan)	Kw	132
Governor type		Mechanical

### Exhaust system

Exhaust gas flow		27.83 m <sup>3</sup> /min
Exhaust gas temp	° F (° C)	<526
Max back pressure		6 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	35.2
75% load(Prime power)	L/h	26.5
50% load(Prime power)	L/h	18
Fuel tank capacity	L	220

### Lubrication system

Oil capacity	L	18
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

### Cooling system

Coolant capacity	L	21
Thermostat operation range	°C	76-88
Max water temperature	°C	98

### Alternator

Model		ON-150
Phase		3
Voltage	V	220~480
Bearing		1
Power factor		0.8
Frequency	Hz	60
Prime power	KW	120
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

