

ON-28

Power by Perkins

404D-22TG

Prime power: 22KW/27.5KVA
Standby power: 24KW/30KVA

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

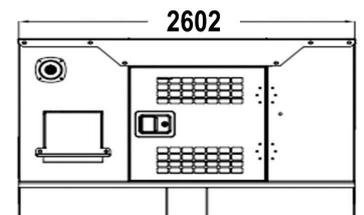
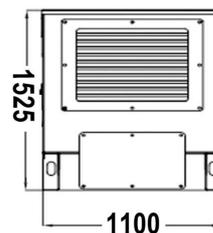
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	1620	2602
	Width (W)	mm	950	1100
	Height (H)	mm	1400	1525
	Dry weight	kg	950	1500
	Fuel tank	L	100	100

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Technical Data

Model ON-28

Rated prime power	KW	22
Rated standard power	KW	24
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤72

Engine

Model		404D-22TG
Aspiration		Turbocharged
Fuel system		mechanical pump
No. cylinders		4
Displacement	Liquid	2.216
Bore*Stroke	mm	84*100
Compression ratio		23.3:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	24
Governor type		Electronical

Exhaust system

Exhaust gas flow		TBA
Exhaust gas temp	° F (° C)	<490
Max back pressure		10. 2kPa

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	7.1
75% load(Prime power)	L/h	5.0
50% load(Prime power)	L/h	3.5
Fuel tank capacity	L	100

Lubrication system

Oil capacity	L	10.6
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	9.32
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator

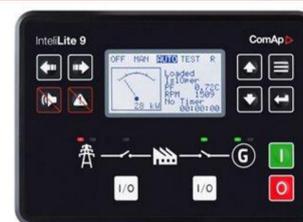
Model		ON-28
Phase		3
Voltage	V	380~415
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	KW	22
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±1.0
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

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

