

DEWALT 2.2kVA INVERTER GENERATOR



DXIG2200

Product Objectives

The DXIG2200 – DeWalt 2.2kVA Inverter Generator was developed for compact high performance. It is ultra quiet and comes pack full of innovation & features that consumers need when seeking mobile power.

This product is perfectly suited to light trade or camping applications, delivery ultra quiet electricity for hours.



Product Overview

PORTABILITY

Weighing in at just 22kg its ultra light design makes it easy to transport and comes with an enlarged handle for easy grip

QUIET

Ultra quiet operation making it perfect for delivering power without the irritation of load noise

EASY START

Easy start system, no priming required



ENDURANCE

Large 4.5L fuel tank delivers extended runtime performance

FUNCTIONALITY

LED User interface provides important user information

POWER

2.2kVA of power for tackling jobs



Product Specification Sheet



PORTABILITY – Weighing in at just 22kg with an oversized handle makes moving and transportation simple and easy

QUIET – A super quiet 55dB(A), making it perfect for camping applications or scenarios where you require minimum operating noise

EASY START – No priming required, simply set your choke to the right position and pull the ergonomically designed start cord

ENDURANCE – Thanks to its enlarged fuel tank you get up to 8hrs runtimes at 50% load. Runtimes can vary depending of environment and appliances run.

FUNCTIONALITY – The only inverter in its class with LED fuel gauge, usage and runtime meter so you can monitor your generator from a distance.

POWER – Rated with a power factor of 1, you get a true 2,200 Running watts and an impressive 1,800 running watts

Spec	DXIG2200
Starting Watts	2,200
Running Watts	1,800
Engine	79cc
Fuel Tank	4.5L
Power Outlets	1 x IP44 GPO, 12V Socket
Accessories	12V Dual Port USB Adaptor
Warranty	3

Key Advantage

RUN TIME

Runtime indicators shows the performance of the generator and helps with service intervals

FUEL LEVEL

Colour LED indicator to detect fuel level without having to remove the fuel cap (red: low, Amber: Medium, Green: Full)

ECO MODE

ECO mode reduces motor RPM to match the application, saving fuel & reducing noise

EXPANDABLE

Double your power using a parallel box

INDICATORS

Indicators show if generator is running, if power overload has occurred and if oil level is low

CONSUMPTION

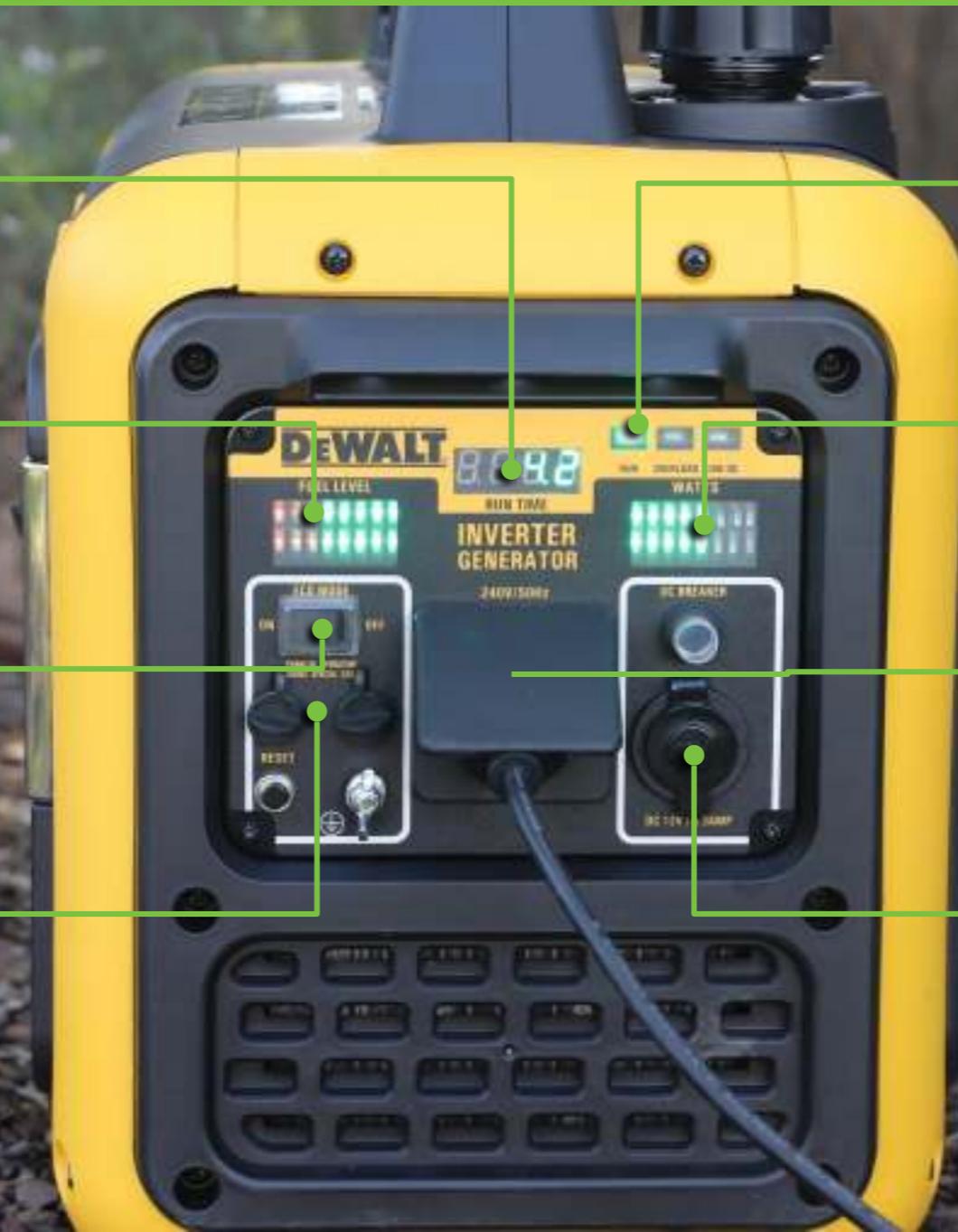
LED Power consumption indicator shows how much draw each appliances uses

PROTECTION

IP44 Rated power plug provides protection against the elements

USABILITY

12V DC outlet with 12V Dual USB adaptor included as standard for powering your mobile devices



Our Range



Spec	DXIG2200	DXGN6875i	DXGN8950i	DXGN8950iK
Starting Watts	2,200	6,875	8,950	8,950
Running Watts	1,800	5,500	7,200	7,200
Protection	Electric Breaker	Electric Breaker / RCD	Electric Breaker / RCD	Electric Breaker / RCD
Power Outlets	1 x 240V 10A / 1 x 12V	2 x 250V - 15A	2 x 250V - 15A	2 x 250V - 15A
GPO Protection	IP44	IP66	IP66	IP66
Start	Pull Start	Pull Start	Pull & Electric Start*	Pull & Electric Start
Fuel Tank Size	4.5L	23L	23L	23L
Alternator Type	Inverter - (<3% THD)	AVR - (<5% THD)	AVR - (<5% THD)	AVR - (<5% THD)
Warranty (M/P/F)	3	3	3	3

Generator Types Explained

AVR (Automatic Voltage Regulation) Generators

Automatic Voltage Regulation is an advanced technology, capable of stabilising fluctuations in incoming voltage. These fluctuations can come in the form of excessive voltage or a drop in voltage which can effect the performance of the device you are powering and in some instances can even cause damage.

Inverter Generators

Inverters are ideal for powering sensitive electronics such as computers as they deliver the cleanest power of all generator types. They are also known for generating less noise, delivering lighter weight and superior fuel efficiency. Inverter generators, like normal generators produce AC power from their alternator but then a rectifier is used to convert AC power to DC power and capacitors are used to smooth out supply. Finally the power is inverted back to clean AC power at a precise voltage and frequency, independent to engine speed.

What is THD (Total Harmonic Distortion)?

Total Harmonic Distortion is a measurable value that relates to the quality of electricity being supplied by a generator. Clean electricity is rated as having a THD of 5% or less, making it suitable for sensitive electronics as well as ensuring maximum performance from your power tools.



Frequently Asked Questions

What is the difference between kVA and watts?

kVA (Kilo-Volt-amperes) and kW (kilowatts, which is 1000 watts) is the difference between apparent power (kVA) and actual usable power. Due to a level of inefficiency some generators, not all the power produced is usable. To convert kVA accurately to kW or W you will need to the efficiency rating known as the power factor. DeWalt generators are high performance generators with a power factor of 1 which means 8.95kVA will equal 8950W of usable power.

What is an IP rating?

IP rating (International Protect) is a rating system that shows the level of protection a device carries. The first digit rates to protection from a foreign body whilst the second number rates to moisture protection. DeWalt commercial generators come with an IP66 GPO's (General Power Outlets). The first 6 means it is totally dust tight whilst the second 6 means it provides protection against high pressure jets.

What is meant by a “builder’s pack”?

Generators that feature a builders pack come with an RCD and a minimum of IP53 rated power plugs and are fitted with a MEN (Multiple Earth Neutral) link, allowing you to earth the generators if required.

What is the difference between starting watts & running watts?

Starting watts is the extra electricity a generator can run for up to 2-3 seconds to start a motor driven product such as a refrigerator or circular saw. Running watts, often referred to as “continuous watts” or “rated watts” is the power generates to keep things running.

Calculating your power requirements

1

What products do you want to power?
Identify the products you will be powering

2

Calculate the total watts?
Calculate the total watts for product you want to run simultaneously.

3

Choose a solution?
If you need more power you can double you power by pairing our inverter with a parallel kit



Appliance	Estimate Watts*
<input type="checkbox"/> Caravan Air Conditioner	900 – 1,600
<input type="checkbox"/> Caravan fridge	150 – 250
<input type="checkbox"/> Kettle	1,600 – 2,000
<input type="checkbox"/> Microwave	1,000+
<input type="checkbox"/> Toaster	200 – 2,000
<input type="checkbox"/> Television	200
<input type="checkbox"/> Radio	60 - 85
<input type="checkbox"/> Laptop	500
<input type="checkbox"/> Hair Dryer	1,000 – 1,500
<input type="checkbox"/> Cash Register	100
<input type="checkbox"/> Circular Saw (185mm)	1,200 – 1,600
<input type="checkbox"/> Mixer Drill	750 – 1,300
<input type="checkbox"/> Hammer Drill	450 – 1,200

Total Watts Required

* Estimate only, it is recommend you check your appliances. Devices such as caravan air conditioning units and power tools can vary from wattage is stated on the product due to environment and loading requirements. It is recommend you clarify the starting watts and peak load requirements from the manufacturer of those devices.