

**Makita**<sup>®</sup>

# 12V MAX Green Multi Line Laser

SK209GD

SK312GD



# Product Objectives

- Design a multi line laser to suit the needs of plastering, tiling, plumbing, building and flooring
- Develop a high precision, high brightness green laser for applications such as levelling, aligning and squaring



# Product Overview

## SK312GDZ – 12V Green Multi Line Laser

1 horizontal and 3 vertical lines

3 mode brightness settings

Green laser

3 mode line selection



DC Jack

# Product Specification Sheet

## SK312GDZ – 12V Green Multi Line Laser



Diameter of laser point	2.5mm @10m
Range	20m
Self leveling range	2°
Measuring tolerance	±1 mm / 10 m
Operating temperature range	-10° - 40°C
Continuous runtime	4.0Ah - 28 hours
Overall length	122mm
Skin weight	1.27kg
Weight (with battery)	1.6kg
Voltage	12V MAX

- **1 Horizontal and 3 vertical lines** – laser projects 1 horizontal line and 3 vertical lines forward, left and right each intersecting at 90 degrees
- **Green laser** – the human eye is better able to recognise colours in the green spectrum, therefore green lasers can be up to 4 times brighter than red lasers
- **CXT** – powered by 12V Max batteries the laser has a extended continuous runtime of up to 28hours on maximum power with a 4.0Ah battery and 10 hours with a 1.5Ah
- **XPT** – for use in outdoor applications or harsh environments, protection from dust and dripping water is enhanced with a IP54 rated body
- **3 mode brightness settings** – laser can be emitted in 3 different brightness settings, Eco, normal and high brightness
- **3 mode line selection** – line beam can be emitted in 3 modes, horizontal only / horizontal and single vertical / horizontal and 3 vertical
- **DC jack** – allows power to be supplied from 18V batteries using USB adaptor ADP05 and power supply cable

# Product Overview

## SK209GDZ – 12V Green Multi Line Laser

1 horizontal and 2 vertical lines

3 mode brightness settings

Green laser

3 mode line selection



DC Jack

# Product Specification Sheet

## SK209GDZ – 12V Green Multi Line Laser



Diameter of laser point	2.5mm @10m
Range	20m
Self leveling range	2°
Measuring tolerance	±1 mm / 10 m
Operating temperature range	-10° - 40°C
Continuous runtime	4.0Ah - 40 hours
Overall length	122mm
Skin weight	1.27kg
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# Advantages

## Visibility



High brightness green beam laser

## Accuracy



Highly accurate to within  $\pm 1\text{mm}$  at 10 metres

## Durability



Durable design with XPT and an IP54 rated laser body

## Compatibility



12V Max battery provides the convenience of a rechargeable tool battery

# Advantages

## High Brightness Green Laser

The human eye is better able to recognise colours in the green spectrum, therefore green lasers can be up to 4 times brighter than red lasers in environments with higher ambient or natural light.

The image below displays both a red and green laser at a distance of 5 metres with a distinct difference in the visibility between the two.









# Our Range

	SK312GDZ	SK209GDZ	SK102Z	SK103PZ	SK104Z	SKR200Z
						
Diameter of laser point	2.5mm @10m	2.5mm @10m	6mm @ 10m	6mm @10m	6mm @10m	6mm @10m
Range	20m	20m	10m	15m	15m	200m diameter
Self leveling range	2°	2°	± 4°	± 4°	± 4°	± 6°
Measuring tolerance	±1 mm / 10 m	±1 mm / 10 m	± 3.0mm/10m	± 3.0mm/10m	± 3.0mm/10m	± 1.0mm/10m
Operating temperature range	-10° - 40°C	-10° - 40°C	0°C - 40°C	-10° - 40°C	-10° - 40°C	-10° - 50°C
Continuous runtime	4.0Ah - 28 hours	4.0Ah - 40 hours	-	-	-	-
Overall length	122mm	122mm	102mm	117mm	117mm	197mm
Skin weight	1.27kg	1.27kg	-	-	-	-
Weight (with battery)	1.6kg	1.6kg	0.32kg	0.53kg	0.53kg	1.6kg
Power source	12V MAX	12V MAX	3 x AAA	4x AA	4x AA	2 x 1.5V

# Accessories

Standard Accessories		
	TK02100200	Laser viewing glasses
	TK00SB0001	Should strap
	TKAK400MUN	Storage case

Optional accessories		
	TK0LDG301F	Laser Receiver
	TK000ET03F	Wall mount
	199006-4	USB Cable Set (To be used with ADP05 to power the laser)
	ADP05	18V USB adapter

