

Product Similarity Declaration

Product name: Robotic Lawn Mower

Model name: L1000, L1500, L2500, L3200, L4000

FCC ID: 2BMSO-LK100

ISED ID: 33829-LK100

We (Shenzhen Yuanjing intelligent Technology Co., LTD) hereby state that all models are electrically identical with respect to the RF hardware design, including circuit design, PCB layout, RF module/circuit, antenna type, antenna gain, antenna location, RF components and RF-related components on PCB. The RF parameters, including frequency range, output power, modulation type, bandwidth, antenna configuration and wireless communication functions, remain unchanged.

The differences among the models are limited to model name, battery parameters, software-controlled walking/mowing speed, firmware version identification number (FVIN), blade quantity, cutting disc size and cutting width. These differences only affect battery endurance, mowing efficiency and mechanical cutting performance, and do not affect the RF characteristics or compliance with the applicable FCC/ISED radio requirements.

L1000 and L1500 use the same RF hardware platform, same battery configuration, same blade quantity and same cutting width. The only difference between L1000 and L1500 is the software-controlled walking/mowing speed and corresponding FVIN.

L2500, L3200 and L4000 use the same RF hardware platform, same battery configuration, same blade quantity and same cutting width. The differences among L2500, L3200 and L4000 are the software-controlled walking/mowing speed and corresponding FVIN.

Compared with L1000/L1500, models L2500/L3200/L4000 use a different battery configuration and a different cutting system with 5 pivoting stainless steel blades and 24 cm

cutting width. Models L1000/L1500 use 3 pivoting stainless steel blades and 21 cm cutting width. The RF hardware, antenna type/location and RF parameters remain identical for all models.

L1000 and L1500 use Net Weight:14.88 kg, 32.8 lbs; L2500, L3200 and L4000 use Net Weight:14.96 kg, 32.98 lbs;

Variant comparison table

Model	HVIN	FVIN	Battery	Blade Qty	Cutting Width	Walking/ Mowing Speed
L1000	L1500	V1.0	7.5Ah 21.6V 1.5A 162Wh	3 blades	21 cm	0.5 m/s
L1500	L1500	V1.2	7.5Ah 21.6V 1.5A 162Wh	3 blades	21 cm	0.7 m/s
L2500	L2500	V1.1	10Ah 21.9V 2A 219Wh	5 blades	24 cm	0.6 m/s
L3200	L2500	V1.3	10Ah 21.9V 2A 219Wh	5 blades	24 cm	0.8 m/s
L4000	L2500	V1.4	10Ah 21.9V 2A 219Wh	5 blades	24 cm	1.0 m/s

Electrical and mechanical information

Model	Input Rating (Charging)	Working Rating (Battery)	Size (mm)	Net Weight	Blade Type	Cutting Width

	)					
L1000	AC 100-240V, 50/60Hz	7.5Ah 21.6V 1.5A 162Wh	609*506*2 64	14.88 kg, 32.8 lbs	3 pivoting stainless steel blades	21 cm
L1500	AC 100-240V, 50/60Hz	7.5Ah 21.6V 1.5A 162Wh	609*506*2 64	14.88 kg, 32.8 lbs	3 pivoting stainless steel blades	21 cm
L2500	AC 100-240V, 50/60Hz	10Ah 21.9V 2A 219Wh	609*506*2 64	14.96 kg, 32.98 lbs	5 pivoting stainless steel blades	24 cm
L3200	AC 100-240V, 50/60Hz	10Ah 21.9V 2A 219Wh	609*506*2 64	14.96 kg, 32.98 lbs	5 pivoting stainless steel blades	24 cm
L4000	AC 100-240V, 50/60Hz	10Ah 21.9V 2A 219Wh	609*506*2 64	14.96 kg, 32.98 lbs	5 pivoting stainless steel blades	24 cm





Signature: *Xiaolin Zhang*

Name: Xiaolin Zhang

Title: Certification Manager

Place: 18th Floor, Tower C, Coolpad Building, Intersection of Keyuan Avenue and Baoshen Road, Gaoxin North Area, Songpingshan Community, Xili Sub-district, Shenzhen City

Date: May 19, 2026

Shenzhen Yuanjing intelligent Technology Co., LTD