

# Marin

## IP68 & IP69 Waterproof Weighing Scale

Break the Limits with Wireless Data Transfer



IP68 Waterproof Testing



IP69 Waterproof Testing



Power-Saving Patent



21700 Li-ion Battery



Wireless Charging



D SIZE



Maximum Load 30kg



Wireless Data Transfer



EXCELL

### Advanced ARM-Based 32-Bit MCU with Precision 24-Bit ADC

Designed for low-power applications, this microcontroller unit (MCU) and a high-precision 24-bit analog-to-digital converter (ADC), ensuring efficient, responsive, and accurate performance tailored for demanding weighing environments.

### IP68 & IP69 Dust & Waterproof Testing

Rigorously tested to meet IP68 and IP69 standards, the Marin series delivers exceptional dust and water protection, making it ideal for demanding environments such as agriculture and seafood processing.

### Advanced Smart Power Management System (Patented)

Dynamically adjusts power consumption based on user habits, enhancing energy efficiency while maintaining a smooth and uninterrupted user experience.

### Multiple Power Options

Marin offers versatility with three battery types— lithium, dry cell, and lead-acid. The dry battery model can also include of an AC adapter for plugged-in use.

### 21700 Lithium-Ion Battery Pack

AirCharge utilizes high-cycle 21700 lithium-ion batteries from world-renowned manufacturers, offering extended lifespan, enhanced reliability, and peace of mind for users.

### Specially Designed Power Circuit

Features overcharge, over-discharge, and auto shut-off protection mechanisms, improving battery longevity and ensuring overall system reliability.

### Seamless Data Transfer

Marin solves transmission issues in waterproof scales with stable Wi-Fi or Bluetooth wireless data transfer.

### Ergonomic and Durable Design

Marin features an ABS housing and a food-grade stainless steel 304 weighing pan, ensuring durability and ease of handling with side-grooved handles. Additionally, its mechanical keypad design offers enhanced durability and excellent water resistance, making it highly reliable even in humid conditions.

### Superior Electromagnetic and Electrostatic Interference Resistance

Engineered to resist electromagnetic and electrostatic disturbances, ensuring consistent and stable performance.

### Clear and Adjustable Display Brightness

It includes multi-stage backlight or LED light brightness adjustment, offering four selectable brightness levels to ensure clear visibility under any lighting conditions.

### Dual Display Options

Marin features front and rear display for both LCD and LED.



Capacity	3 / 3 / 6 / 6 / 15 / 15 / 30 / 30 kg		
Division	0.5 / 1 / 1 / 2 / 2 / 5 / 5 / 10 g		
Battery	Li-ion rechargeable battery pack DC 3.7V 5300mA (21700)	Lead-acid rechargeable battery DC6V / 4Ah	D size batteries (not included) 4 x 1.5V Alkaline batteries or 4 x 1.2V NiCd/NiMH batteries (remove batteries to charge)
Power	AC 100V ~ 240V (±10%) adapter with 12V / 1.5A (15W) output Qi TX module	AC 100V ~ 240V (±10%) adapter with 12V / 1A output	AC 100V ~ 240V (±10%) adapter with 12V / 1A output
Display	<b>LCD</b> : 6 digits / 25mm (height) White LED backlight <b>LED</b> : 6 digits / 21mm (height) Red LED light		<b>LCD</b> : 6 digits / 25mm (height) Green LED backlight
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)		
Dimensions	270 x 124 x 310 mm (W x H x D)		
Platter Size	235 x 200 mm		
Option	<ul style="list-style-type: none"> <li>• Bluetooth or Wi-Fi</li> <li>• Dual Display  <b>LCD</b>: Front 25mm / Rear 21mm  <b>LED</b>: Front 21mm / Rear 21mm</li> </ul>		



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