



PRODUCT SPECIFICATION

Item Code: WEL-01C

Category: Electronic Heavy-duty Smart Padlock

Issue Date: April 2025

Edition V2.6

PRODUCT SPECIFICATION

Item Code : WEL-01C

Category : Electronic Heavy-duty Smart Padlock

1.0 Exterior View



Front-Side
Double-sided
Anti-Cutting Shield



Back-Side
Single-sided
Anti-Cutting Shield

2.0 General Specifications

No.	Item	Detail
2.1	Model	WEL-01C
2.2	Description	Keyless Smart Heavy-Duty Padlock
2.3	Encryption Method	AES128 Encryption
2.4	Dimensions (mm)	135 x 78 x 35
2.5	Weight	885 g
2.6	Shackle Diameter	Φ 10 mm
2.7	Working Voltage	3.6 V with emergency Bypass 5V
2.8	IP Rating	IP 68
2.9	Warranty	2 Years or 14000 Operation
2.10	Bluetooth	BLE 5.0
2.11	Operating Distance	< 10m
2.12	Battery	ER14335H Replaceable Lithium Battery
2.13	Log Storage	128 Logs

3.0 Main Materials

No.	Item	Detail
3.1	Lock Body and Shackle	SUS304
3.2	Power Button	SUS316

PRODUCT SPECIFICATION

Item Code : WEL-01C

Category : Electronic Heavy-duty Smart Padlock



4.0 Ambient Conditions

No	Item	Specification/Condition
4.1	Operating Conditions	Temperature: -20° to 60°C
4.2	Storage Conditions	Temperature: -40°C ~ +85°C, Humidity: 0 ~ 95%
4.3	Elevation height	Elevation: -60m ~ 2000m

5.0 CE Essential Requirements Tested

No.	Essential Requirement	Standard Number & Version
5.1	Radio (Article 3.2)	ETSI EN 300 328 V2.2.2(2019-07)
5.2	EMC (Article 3.1b)	ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.2.4(2020-09) EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013/A1:2019
5.3	EMC (Article 3.1b)	EN 62479:2010. EN 50663:2017
5.4	Safety (Article 3.1a)	EN 62368-1:2014+A11:2017



PRODUCT SPECIFICATION

Item Code : WEL-01C

Category : Electronic Heavy-duty Smart Padlock

6.0 Dimensions

