

Technical Specifications

Mechanical

Dimensions

UA-Lock-Magnetic-270kg

Lock body: 250 x 42.5 x 26 mm (9.8 x 1.7 x 1")

Install plate: 250 x 25x 5 mm (9.8 x 1 x 0.2")

Armature: 185.5 x 38.5 x 11 mm (7.3 x 1.5 x 0.4")

UA-Lock-Magnetic-540kg

Lock body: 266 x 67.5 x 40 mm (10.5 x 2.7 x 1.6")

Install plate: 266 x 40 x 6 mm (10.5 x 1.6 x 0.2")

Armature: 185 x 61 x 16 mm (7.3 x 2.4 x 0.6")

Weight

UA-Lock-Magnetic-270kg

Lock body: 1 kg (2.2 lb)

Install plate: 70 g (0.15 lb)

Armature: 600 g (1.3 lb)

UA-Lock-Magnetic-540kg

Lock body: 2.9 kg (6.4 lb)

Install plate: 145 g (0.3 lb)

Armature: 1.4 kg (3.1 lb)

Enclosure Material

Device/brackets: aluminum

Armature: steel

Type

Fail safe lock

Single door

Hardware

Holding Force

UA-Lock-Magnetic-270kg: 270 kg (600 lb)

UA-Lock-Magnetic-540kg: 540 kg (1,200 lb)

Wiring Connection

Connect below terminals to UA-Hub:

Lock 12V/NC (connect to Power Lock Relay NC on UA-Hub)

Lock 12V/COM (connect to Powered Lock Relay COM on UA-Hub)

DPS/+ (DPS+ on UA-Hub)

DPS/- (DPS-onUA-Hub)

Current Power

UA-Lock-Magnetic-270kg: 500mA $\pm$ 10%

UA-Lock-Magnetic-540kg: 500mA $\pm$ 10%

Supported Voltage Range

12V DC

Compatibility

UA-Lock-Magnetic-270kg: wooden/metal/glass door

	UA-Lock-Magnetic-540kg: wood/metal door
Mounting Accessories	UA-Lock-Magnetic-270kg L bracket : door thickness < 42 mm (< 1.7"), outward opening door Z bracket: used with L bracket for inward opening door U bracket: used with glass door, door thickness ≤ 17 mm; (0.7"); door gap ≤ 5 mm (0.2") UA-Lock-Magnetic-540kg L bracket: door thickness < 42 mm (< 1.7"), outward opening door Z bracket: used with L bracket for inward opening door
LEDs	Green: unlocked Red: locked
Ambient Operating Temperature	-10 to 50° C (14 to 122° F)
Ambient Operating Humidity	5 to 90% noncondensing
NDAA Compliant	Yes
Certifications	FCC, IC, CE