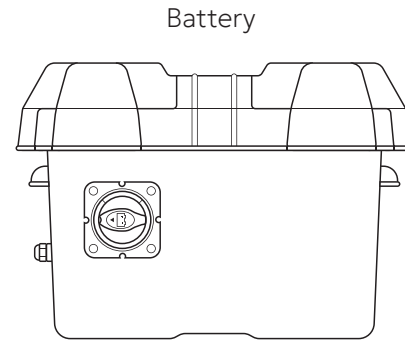# SENARCH
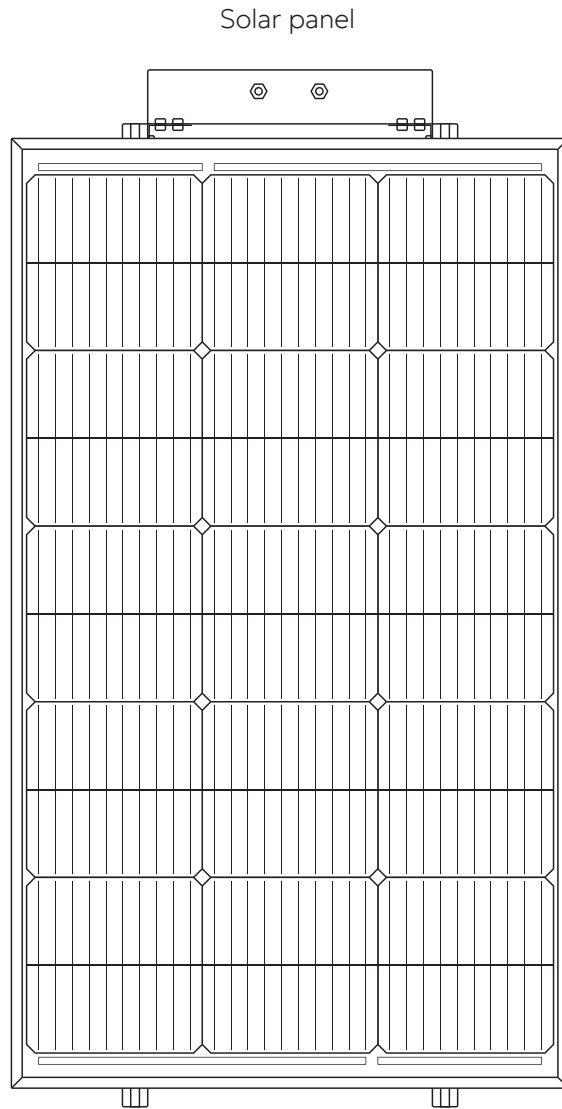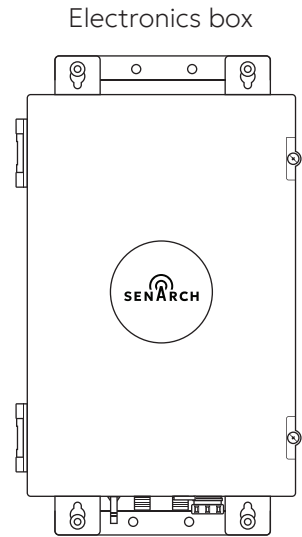
Assembly guide v.1.0

## SenArch Off-Grid LoRaWAN Gateway

## Parts

Electronics box

Solar panel

Battery

LTE antenna

Includes mounting
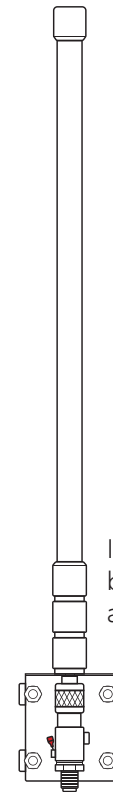brackets & lightning
arrester

LoRa antenna

Ground plane wires

x2
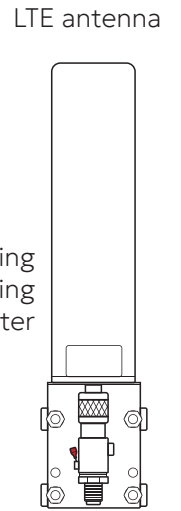
Mounting brackets for
electronics box & solar panel

◇ x8      ⌣ x4

◎ x8

∩ x4
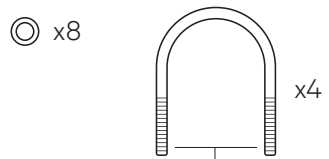
Dimensions:
1 7/8" or 48mm

Includes mounting
brackets & lightning
arrester
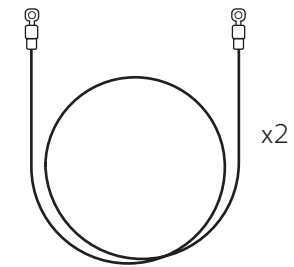
Antenna (coaxial) cables

x2
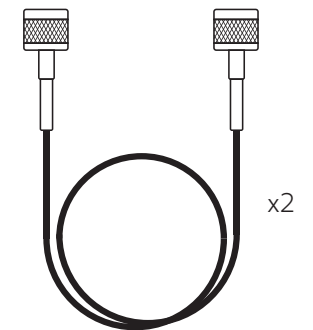
SENARCH

## SenArch gateway setup example

Attach ground plane wires to antennas

Attach ground plane wires to metal surface. For example mounting pole

Max mounting pole diameter: 1 7/8" or 48mm

Electronics box attachement

Point solar panel front towards south

SENARCH

# Cable connections

Solar panel back

Battery

Electronics box bottom

2.5m

1m

GS004

SOL+

SOL-

BAT PWR

LTE antenna

LoRa antenna

LORA ANT

LTE ANT

2m

3m

SENARCH