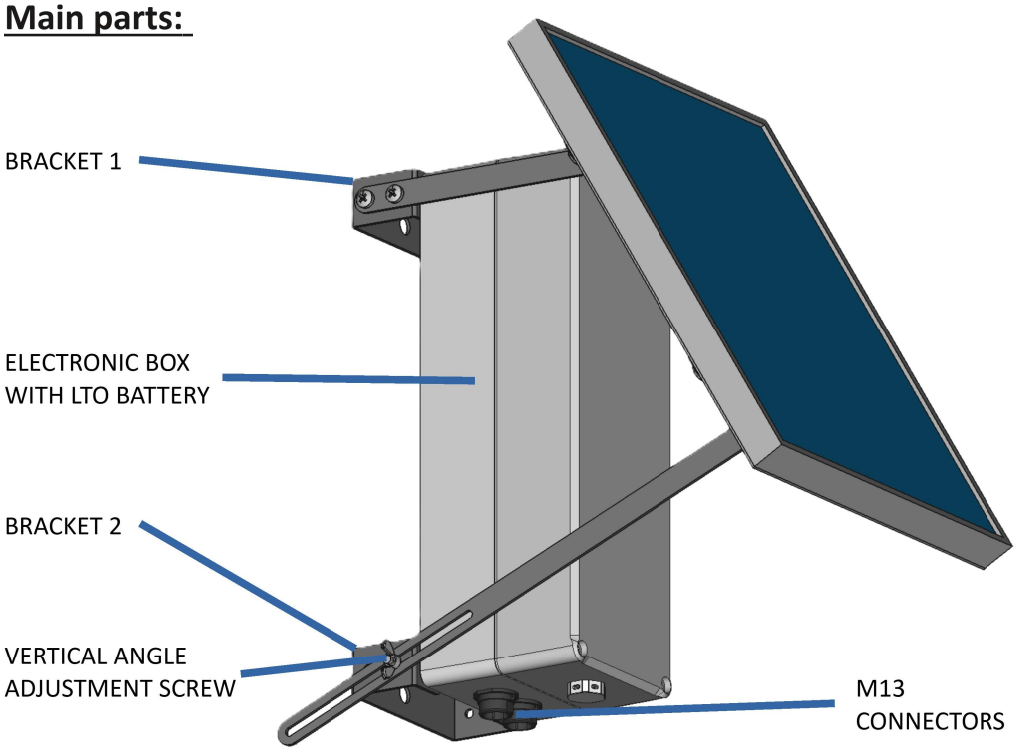
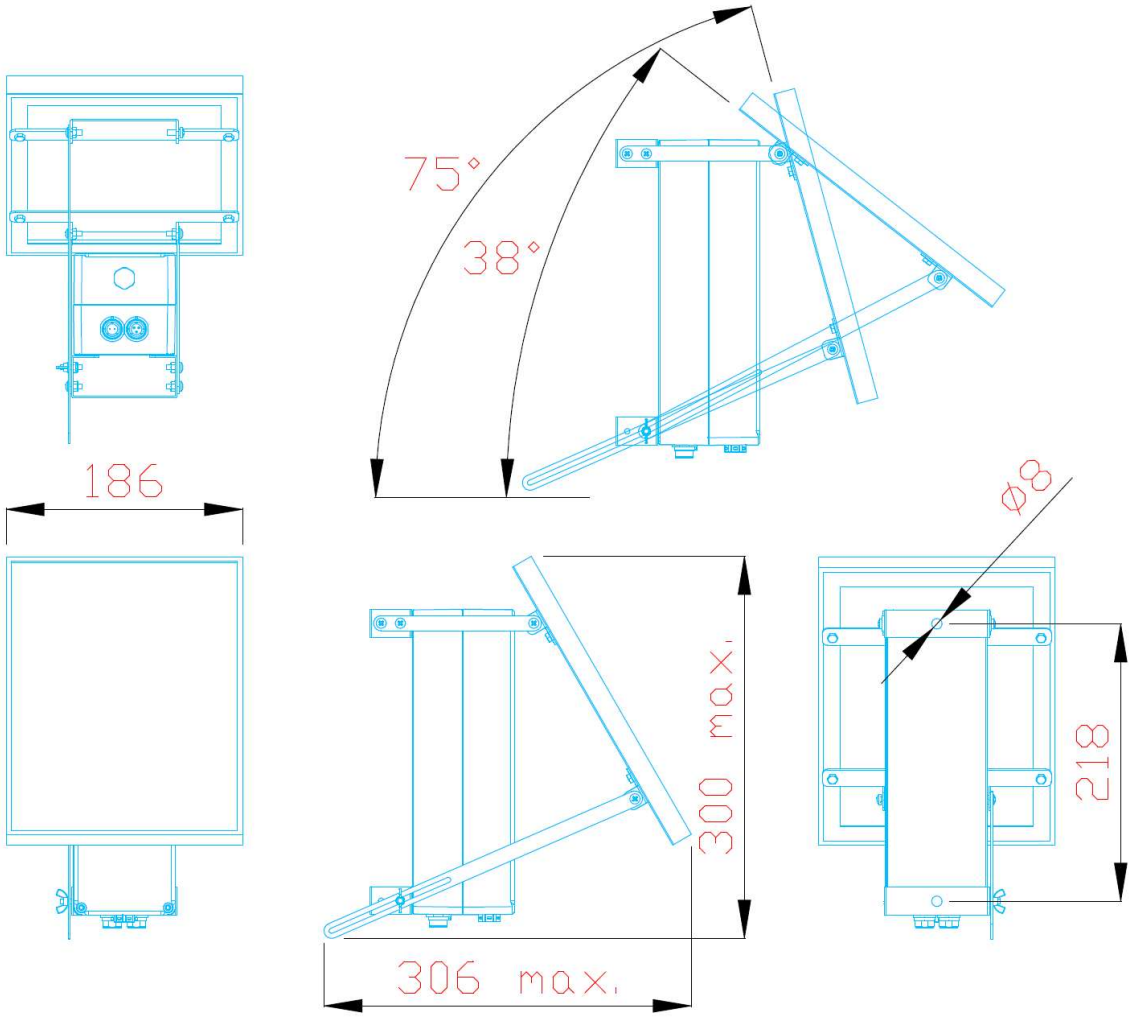
INSTALATION GUIDE MPS11 SOLAR PACK

Main parts:

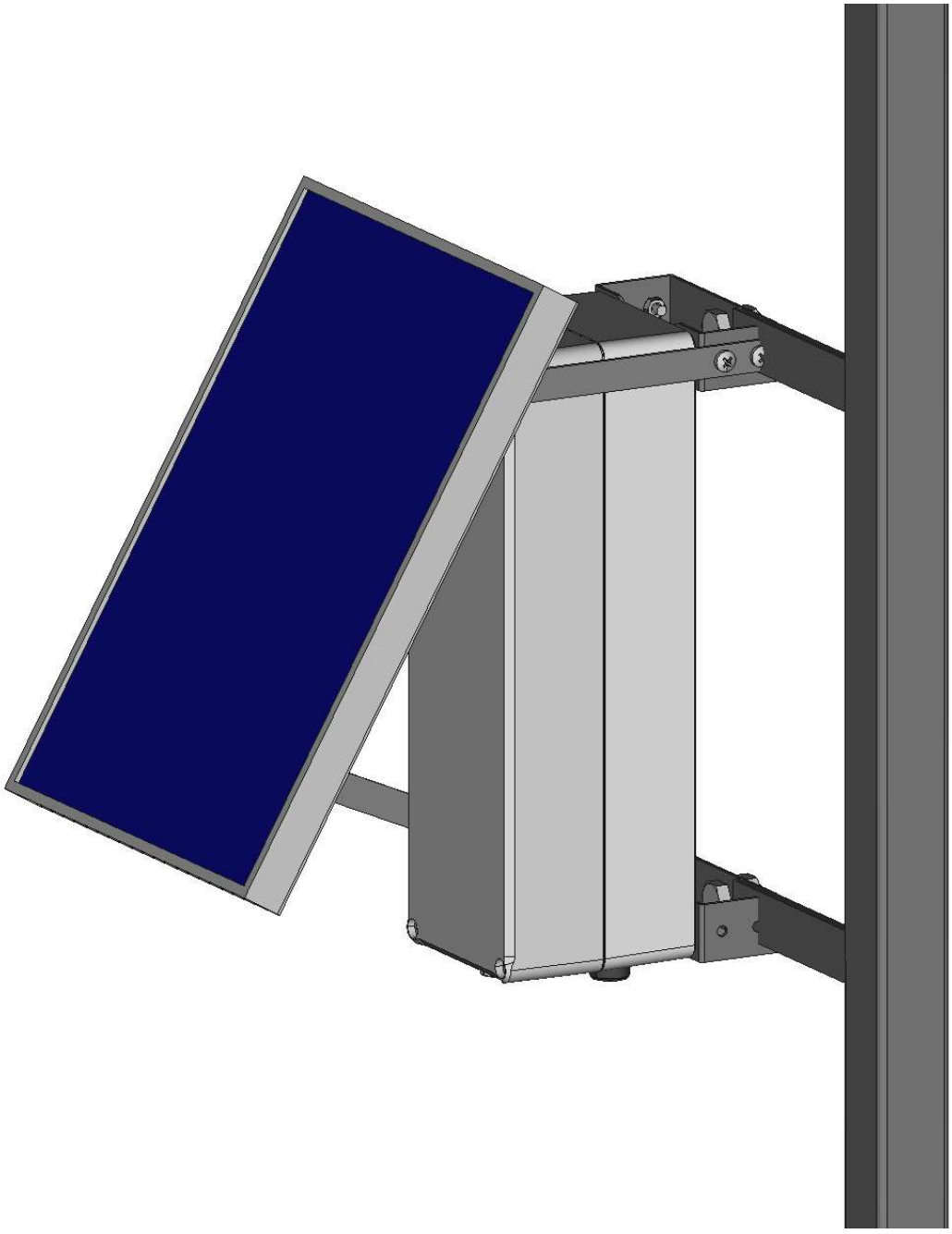


Dimensions:



Installation:

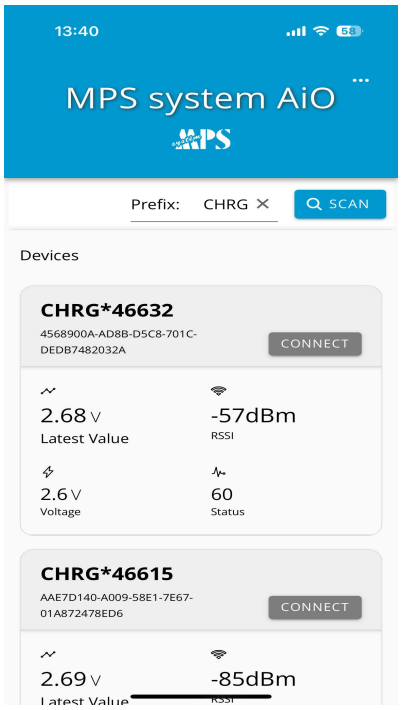
Install the *MPS11 Solar Pack* on a suitable mounting bracket using two M8 screws. The vertical spacing between the screws is 218 mm. The recommended orientation is between southeast and southwest (valid for the northern hemisphere). The vertical tilt angle should be adjusted according to the geographic latitude to ensure that the solar panel receives sufficient sunlight throughout the year.



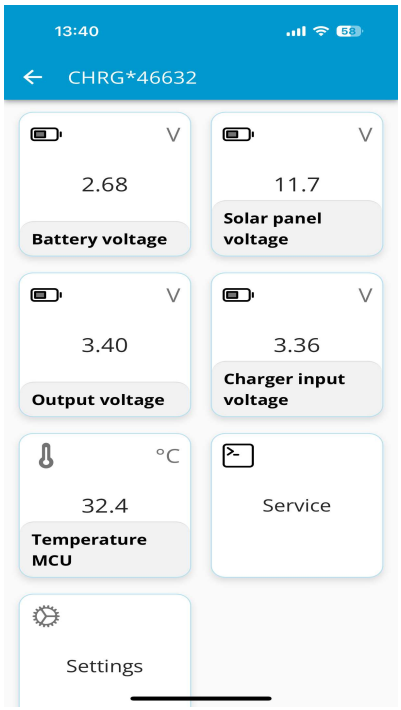
MPS11 solar pack setup:

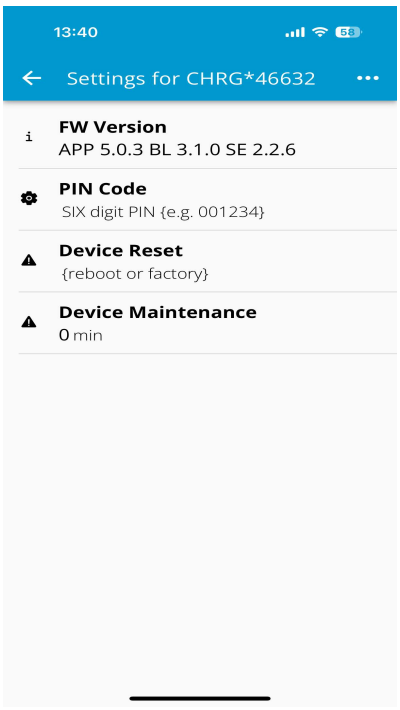
To set the correct parameters, you need to use the **MPS AIO Application** on your PC or mobile device: https://www.mps-system.sk/aio-application

Procedure:

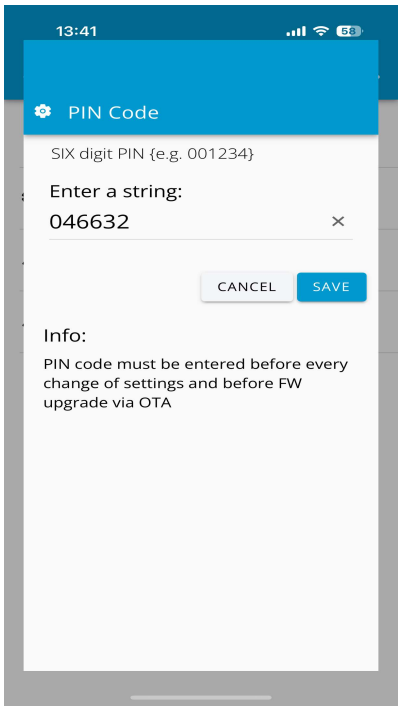


Pair the solar pack with your device via **Bluetooth**.





Go to **Settings → PIN Code**.



Enter the 6-digit PIN 0..s.n.
(s.n. - serial number)
and press **SAVE**.

** We are working on additional options for configuring charging currents and related settings.*

Cable connection:

Power output M13 3-pin connector:

Internal terminal	Description	Wire colour (standard cable)	Pin number (M13 connector)
GNDD	Ground for operating voltage	blue	3
PWR+	Operating voltage (2,2 ÷ 3,9VDC)	red	2
COM	Serial communication line*	white	1

**Serial communication line – used for data transmission between MPS sensors and the MPS logger.*

Solar panel input M13 2-pin connector:

Internal terminal	Description	Wire colour (standard cable)	Pin number (M13 connector)
PWR IN -	Solar input -	blue	2
PWR IN +	Solar input +	red	1