



EP Cube HMI 2.0

With the EP Cube 7-inch touchscreen display, you're always in command of your home energy. Monitor solar production, track battery status, and optimize your usage – all from one compact, wall-mounted interface. Just pure energy clarity.

General Specifications	
Category	Specification
Screen Size	7" IPS
Resolution	1024 × 600
Touchscreen	Multi-touch capacitive
Viewing Angle (T/B/L/R)	60° / 70° / 70° / 70°
Proximity Sensor	IR presence detection (software enable/disable)
Power Button	Touch button: long press power on/off, short press wake/sleep
Processor	Allwinner A133, 4× Cortex-A53 @ up to 1.6GHz
RAM	1GB
Flash Storage	8GB
Connectivity	Bluetooth/2.4GHz & 5GHz Wi-Fi/RS485*1
Input Voltage	Rated 12VDC (range 6~16VDC)
Connection method	Type-C power adapter
Power Consumption	< 10W (screen on) / < 1W (screen off)
Environmental Durability	
Mounting	Wall-mounted with included backplate
Protection Rating	IP20
Operating Temperature	-10°C ~ 50°C
Operating Humidity	0 ~ 90% RH
Certifications	RED, EMC, RoHS, CE

*1 RS485 is an optional feature and is currently only available for three-phase machines. If you wish to establish a local connection to the HMI, you will need to purchase our local communication cable separately.