

EcoFlow PowerInsight 2 Monitor

Complete Product Datasheets

The PowerInsight 2 Monitor is a smart energy hub that integrates seamlessly with the OCEAN Pro system, offering intuitive energy monitoring and unified appliance control.



For installers



EcoFlow Pro
Web Portal



EcoFlow Pro
APP

For users



EcoFlow
APP

Screen Display	Fully laminated touchscreen, glass surface with anti-fingerprint coating; size: 10.95 inches; aspect ratio: 16:10; resolution: 1920×1200; display frame rate: 60Hz; brightness (typical value): 300 nits
NPU Computing Power	6 TOPS
Memory and Storage	RAM: 6G, STORAGE: 64GB
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	10% to 90% RH (non-condensing)
Operational Altitude	≤ 3000 meters (9,843 ft)
USB-C Input	5V≡3A, 9V≡2A, 12V≡1.5A
USB-C Input (Bracket)	5V≡3A, 9V≡3A, 12V≡2.5A
USB-C Output	Discharge externally at 2.5W (5V≡0.5A)
Charging Power	18W wired fast charging (5V≡3A, 9V≡2A, 12V≡1.5A)
Battery Life	Battery capacity: 9300mAh
Speakers	2 speakers
Microphones	4 microphones (support far-field sound pickup, optimal pickup range 0 - 5 meters)
Communication	WLAN and Bluetooth
Bluetooth	Frequency range: 2402 - 2480 MHz
Wi-Fi	WLAN protocol: 802.11a/b/g/n/ac/ax
IoT	Wi-Fi, BLE, Matter
Sensors	Photosensitive sensor: detects ambient brightness for screen brightness adjustments; ToF sensor: used for proximity screen-on, maximum sensing distance 1m, sensing distance error margin < 5cm
Overall Dimensions	258.4 × 169 × 12.6 mm
Overall Weight	620g (1.4 lbs)
Physical Buttons	Power on/off button + Volume adjustment button + Physical microphone disconnect button
Host Interface	1 Type-C interface (USB 3.0)
Bracket Interface	1 Type-C interface for charging + 1 Type-C interface for wired connection to CAN devices + pogo pin contacts
Operating System	Android
Protection Level	IP42
Accessories	White 2-meter Type-C to Type-C braided charging cable; Quick guide + Safety instructions; Wall-mounted bracket; Bracket fixing screws and expansion bolts.