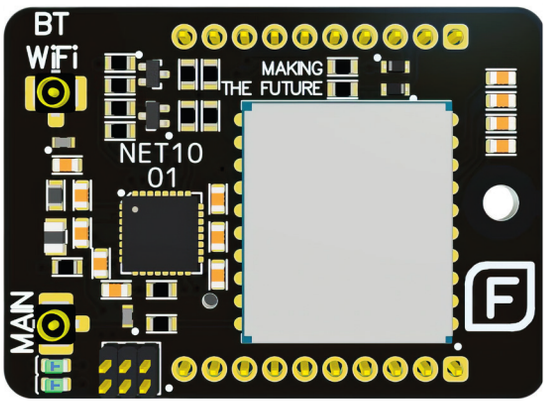
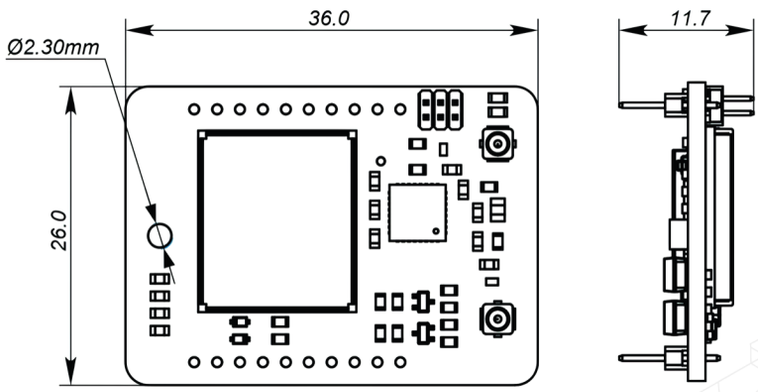


NET10 Data Transmission Module

Module for transmitting battery management system data to a cloud server.



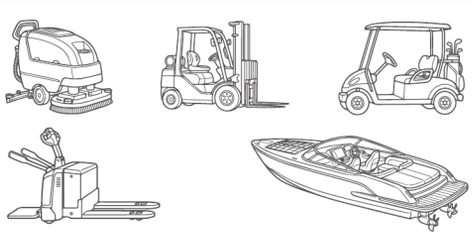
Advantages

- Secure MQTT connection using TLS.
- HTTP status page and JSON API.
- SNTP time synchronization.
- Battery management system configuration via PC.

Technical specifications

Power supply	
Voltage	3.3 V
Power consumption	100 mW (max.)
Communications	
2G	GSM 900/1800 MHz
Wi-Fi	IEEE 802.11b/g/n, 2.4 GHz
Bluetooth	5.0 LE
Cellular antenna	External IPEX
Wi-Fi/Bluetooth antenna	External IPEX
SIM	microSIM or eSIM
Interfaces	
UART	1
Features	
Firmware update	OTA
Operating conditions	
Operating temperature	-40 °C to +75 °C
Storage temperature	-40 °C to +75 °C
Operating humidity	5% to 95%
Ingress protection	IP00
Physical characteristics	
Dimensions	36 x 26 x 11.7 mm (L x W x H)
Weight	7 g
Compatible devices	
Battery management systems	BMS201, BMS211

APPLICATIONS



- FLOOR SCRUBBERS
- FORKLIFTS
- GOLF CARTS
- ELECTRIC UTILITY CARTS
- ELECTRIC BOATS

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