



# Disaster Prevention UPS Uninterruptible Power Supply & Degradation Diagnosis Sales Service



Uninterrupted Energy with High Capacity & Exchangeable Modules



\*The product image is a prototype of our concept model. The design and specifications may change in the final product version.

## About UPS

UPS could function as a power source during normal occasions, evacuations, and events. Not only so, during disasters, it can also be used as an emergency power supply in shelters or disaster response headquarters. Equipped with a lithium-ion battery for high capacity. Long-term use with replaceable batteries. Includes casters for easy transportation.

## Features of UPS

- Power Outage & BCP Measures: Instant switch during emergencies (less than 10ms)
- Supports various devices, compact and high capacity (2.5kWh output 2.0kw)

Lighting equipment (10W/AC) for 250 hours



Smartphones (11Wh/Type-C) 227 times



Hairdryer (1600W/AC) for 1.5 hours



Refrigerator (120W/AC) for 20 hours



Laptop (60W/Type-C) 41 times



Gaming console (200W/AC) for 12 hours



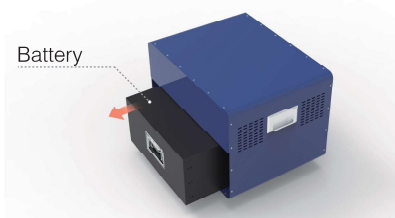
## UPS Specifications

Voltage	: 51.2V
Capacity	: 50Ah (2500Wh)
Output	: 2kVA (2000W)
Full Charging Time	: Approximately 12 hours
UPS Type	: Line Interactive
Size	: 600*400*350mm
Weight	: 51kg

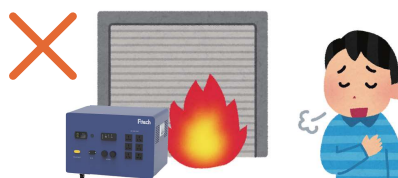
- The state of degradation can be monitored and confirmed.



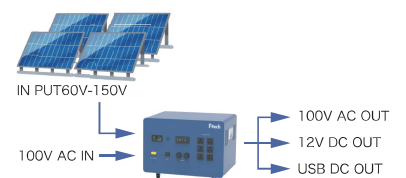
- Battery replacement system ensures reliability against out-of-charge failure.



- Uses solid-state lithium iron phosphate batteries for superior safety.



- Can be charged directly from solar panels.





We aim for a simple but refined design that can be permanently installed in offices, combined with ease of use and functionality that prove valuable in emergencies.

Incorporates user-friendly handle and casters

Interchangeable battery



Space-saving proportions



**The development of a Minimum Viable Product [MVP] is planned to be completed by the end of 2025.**

We are seeking customers who can cooperate with us in hypothesis testing of our Proof of Concept [POC] model, conducting experimental studies, and monitoring the development of the Minimum Viable Product [MVP]!

Contact information

**F-TECH INC.**  
19 Showanuma, Shobucho, Kuki-shi, Saitama  
346-0194 JAPAN

**CONTACT :**  
**WEB :** <https://www.ftech.co.jp/contact/>  
**TEL :** +81(0)480-85-5213