

Unajyu

Large Capacity Portable Battery
with Built-in Charger & Inverter



Quiet



High Cycle



Expansion



Rapid Release
& Charge



Home Charging



APP



Sharing
Smart Energy
Solution
2019



Patent Application No. K01820

The high-performance lithium-ion battery that uses "lithium iron phosphate" as the cathode material. No installation work is required, the unit can be moved easily, and functions can be expanded freely by stacking units. Power can be supplied to multiple devices through AC/USB ports with power as a powerful generator.

Excellent Performance of Lithium Iron Phosphate Batteries

LiFePO₄

Safety

Has a strong crystal structure and is resistant to sharp nails and has high thermal stability. Abnormality is automatically detected during overcharge and discharge.

Long Life

Has a discharge depth of 100%, can be used over 2,000 times repeatedly, and has 4 ~ 6 times longer life than other secondary batteries.

High-power Discharge

Has an overwhelmingly high output discharge capability compared with lead secondary batteries. It can also be used for high-output power systems such as industrial machinery.

Low Self-discharge

The self-discharge rate of 1% per month enables long-term storage. * The self-discharge rate of lead secondary battery is 20% per 1 month.

Rapid Charge and Discharge

1/10 faster charging and discharging than lead acid batteries.

Low-temperature Resistance

Has low-temperature resistant performance which can be stably utilized even in the severe environment of minus 20 ° C.

Unajyu

Lithium-ion iron phosphate battery
with built-in charger & inverter that can
be stacked to expand capacity freely



Cover Tool Box

Tool box for smartphones, mobile batteries, cables, etc.

Pack 1: USB / 1,000W Invertor

1,000W Invertor with 5 USB ports.

Pack 2: 100V / 1,000W Invertor

1,000W Invertor with 2 100V AC outlet jacks.

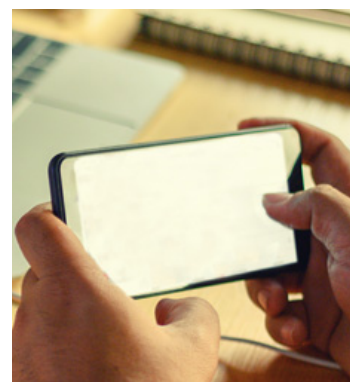
Pack 3: USB / 100V / 1,000W Invertor

1,000W Invertor with 100V AC outlet jack and 2 USB ports.

Base : Charger / LED

Charger, auto LED in case of power failure. Unajyu's basic unit.

Items	Details
Product Name	Unajyu
Product Number	SU 331
Price	Open price
Storage Capacity	1,000 Wh/1 unit
Battery Type	Iron Phosphate Lithium Ion Battery
Inverter	Internal 1,500 W
Charger	Internal 500 W
Maximum Output Power	1,000 VA
Charge Input	100 Vac
Output Waveform	Sine wave
Output Terminal	2 x 100 VAC, 2 x USB / 3 x USB / 3 x 100 VAC
Rated Output	800 VA
Charging Time	1 unit approximately 2 hours / Base approximately 1 hour
Discharge Battery Remaining after 1 Year	60%
Useful Life	7 Years (Battery ambient temperature: 20°C, charge/discharge frequency)
Charge Cycle	2,000 times (0 ~ 100%)
System Requirements	Discharging: - 5 ~ 45°C / Charging: 0 ~ 35°C
Operation Display (LED)	Operation, charging, abnormal conditions, remaining battery level
Size	Cover Tool Box: wide 400 mm x depth 400 mm x height 80 mm
	Unit: wide 400 mm x depth 400 mm x height 150 mm
Weight	Charger 5 kg / Discharger 10 kg
Producing Country	Japan
Charging Cable	AC adapter side: 3-pin socket
	AC outlet side: 2-pin plug
Warranty Period	3 years sendback maintenance *excluding battery drain



Active Power Storage System

For more information about Unajyu's settings, battery life, charging status and usage, check out the Unajyu app on smartphone both Android and iOS.

* The contents are as of January 2020. Specifications are subject to change without notice for performance improvement. Please check the latest information on our website.
* Color may differ between printed matter and actual product.

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