

LEEER-4B (L/H) Instruction Manual

1. Thank you for purchasing Mini UPS LEEER-4B(L/H)). Please read carefully the instruction manual before use.
2. The mini UPS adopts environmentally harmless, large capacity lithium-ion batteries which have the characteristic of Light Weight, Small Volume and Long Endurance. It can guarantee more than 500 times of charge- discharge.
3. Installation: Connect the mini UPS to the power socket, at this time, the battery will automatically charge whether the switch is on or off. When the product is in use or on standby, the switch should be on.
4. Please use mini UPS within the allowed maximum voltage and power range. Suggestion: The mini UPS performs best when the load power is less than 60% of the rated power.
5. The mini UPS must be fully charged before use.
6. When the battery reaches the safe capacity, the mini UPS will automatically shut down and enter protected mode; it must be charged before the next use.
7. Use mini UPS according to the parameters of this manual, and enjoy one- year warranty.
8. The mini UPS is set as automatic intelligent charging the charging will stop automatically when it reaches the maximum capacity of the battery. When the battery capacity is insufficient, the charging will start automatically.
9. The mini UPS is only suitable for indoor use, it cannot be used in damp places and places with temperature over 45°C.
10. Do not open the rear cover, as this may result in life-threatening high-voltage electric shock.
11. The mini UPS is designed as broad width adaptive voltage.
12. Two channel AC output.
13. The mini UPS is equipped with surge protection, high voltage protection, overload protection and the function of automatic stop when fully charged.
14. Buzzer and indicator light can be removed according to customer's request it has no impact on the overall performance.
15. The min UPS has two types: fixed type and mobile type. Please specify when ordering
16. The corresponding batteries of each model are as follows:

LEEER-4B Ni-Cd/Ni-MH Battery	Marked voltage14.4V	Maximum Capacity 2.4AH
LEEER-4B(L) Lithium Battery	Marked voltage 14.8V	Maximum Capacity 3.4AH
LEEER-4B(H) Lithium Battery	Marked voltage 14.8V	Maximum Capacity 6.8AH

State Display of Indicator Light and Buzzer

Normal Power Supply (Green LED)	Invert Output (Red LED)	Buzzer (Discontinuous Buzz)	Condition
Turn on	Turn off	No Buzz	Mini UPS is on standby
Turn on	Flicker	Discontinuous Buzz	Mini UPS is in working state
Turn off	Turn off	No Buzz	Mini UPS is off, Or run out of battery. Or the switch is off

Technical Parameter

Item		Specification
Rated Power		LEEER-4B (L) Max 150W
		LEEER-4B (H) Max 300W
Input	Rated Voltage	65-265 VAC
	Frequency	47-65 Hz
Output	Optional Voltage (battery is under inverter power supply)	100—240V-AC(±10%)
	Frequency (battery is under inverter power supply)	50/60 Hz ±1Hz
	Handover Delay	8ms ± 2ms
Battery	Rated Voltage and Capacity	14.8V Nominal Voltage / 16.8V (full charged) LEEER-4B(L) 3.4AH LEEER-4B(H) 6.8AH
	Charging Time (Switch off)	3.5 hours (LEEER-4B-L) 7.0 hours (LEEER-4B-H)
	Battery Life	Depending on the load power
	Battery Type	Lithium Battery
Protection	Battery Low Voltage Cut-off	11.0V(±0.5V)
	Restart	Automatic restart on AC recovery
	Overload Protection	Build- in thermal overload protection
	High Voltage Protection	Build- in pressure sensitive device protection
	Low Voltage Protection	Build- in low voltage automatic detection
	Lighting Protection	Build- in surge protection circuit
Product Dimension (mm*mm*mm)		195*142*45
Product Weight		LEEER-4B (L) 895g(±5g)
		LEEER-4B (H) 1085g(±5g)
Working Temperature		-18℃ to 45℃
Working Humidity		10% to 95%

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