



POWER BANK PRO

PPROFESSIONAL EQUIPMENT



PRODUCT MANUAL





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PROFESSIONAL EQUIPMENT

THE LUMENIER POWER BANK PRO IS A PORTABLE CHARGING SOLUTION THAT HAS BEEN DESIGNED TO BE A POWER SOURCE FOR MULTIPLE TYPE OF DEVICES AND NEEDS.



KEY FEATURES

1. PORTABLE AND COMPACT HIGH CAPACITY POWER BANK
2. UP TO 225W HIGH DISCHARGE OUTPUT
3. FAST CHARGING OUTPUT FOR LAPTOP USAGE
4. WIRELESS FAST CHARGING (FOR COMPATIBLE DEVICES)
5. LED STATUS INDICATION CODES
6. REMOVABLE ANTI-SLIP BUMPERS
7. ERGONOMIC AND BLACKED OUT DESIGN
8. RC FIELD CHARGING COMPATIBLE

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SPECIFICATIONS



PRODUCT NAME		LUMENIER POWER BANK PRO 225	
MODEL NUMBER		PBP-225	
BATTERY CAPACITY		27000MAH (97.2WH)	
INPUT	CHARGING THE POWER BANK		CHARGE THE POWER BANK USING THE USB-C OR THE DC-IN PORT. USE ONLY ONE CHARGING PORT AT A TIME. WHEN THE POWER BANK IS CHARGING, THE XT-60 OUTPUT IS DISABLED BUT THE WIRELESS CHARGING CAN OUTPUT POWER.
	USB-C	5v-20v/3A MAX 60W	
	DC-IN	5v-20v/2A MAX 40W	
OUTPUT	CHARGING DEVICES		WHEN CHARGING TWO DEVICES (USB-C + USB-A) THE TOTAL MAX OUTPUT BECOMES 5v/5A (25w)
	USB-C	5v-20v/5A MAX 100W	WHEN CHARGING TWO DEVICES (USB-C OR USB-A + WIRELESS CHARGING) THE TOTAL MAX OUTPUT BECOMES (30w)
	USB-A	5v-12v MAX 18W	
	WIRELESS CHARGING	MAX 15W	WHEN CHARGING THREE DEVICES (USB-C + USB-A + WIRELESS CHARGING) THE TOTAL MAX OUTPUT BECOMES (40w)
	XT-60 PORT	18v-25v/9A MAX 225W	
CHARGING THE POWER BANK AND CHARGING DEVICES SIMULTANEOUSLY			WHILE THE POWER BANK IS CHARGING, THE WIRELESS FUNCTION CAN OUTPUT POWER. WHEN USING THE DC ADAPTER TO CHARGE THE POWER BANK, THE USB-C / USB-A / WIRELESS CHARGING CAN OUTPUT POWER.



PRODUCT OVERVIEW



WIRELESS
CHARGING

SILICONE
ANTI-SLIP
BUMPERS

DC-IN
INPUT
PORT

USB-C
INPUT / OUTPUT
PORT

USB-A
OUTPUT
PORT

POWER
BUTTON

XT-60
OUTPUT
PORT

LED
INDICATOR



LED STATUS INDICATORS



THE POWER BANK HAS A ROW OF 4 (FOUR) LED'S THAT INDICATE THE BATTERY CAPACITY AND THE STATUS OF THE CHARGING ACCORDING TO THE CHART BELOW.

BATTERY CAPACITY INDICATOR	 0-25% BATTERY LIFE
	 100% BATTERY LIFE
FAST CHARGE INDICATOR	 FAST CHARGE ON

CHARGING BATTERY INDICATOR  WHEN SOLID OR FLASHING	
LED 	0%-25% BATTERY CHARGED
LED 	26%-50% BATTERY CHARGED
LED 	51%-75% BATTERY CHARGED
LED 	76%-99% BATTERY CHARGED
LED 	100% BATTERY CHARGED

DISCHARGING BATTERY INDICATOR  WHEN SOLID OR FLASHING	
LED 	100% BATTERY LEVEL
LED 	76%-99% BATTERY LEVEL
LED 	51%-75% BATTERY LEVEL
LED 	26%-50% BATTERY LEVEL
LED 	0%-25% BATTERY LEVEL

USAGE



TO CHARGE

CONNECT A DEVICE AND PRESS THE POWER BUTTON TO START CHARGING.



TO CHECK THE BATTERY LEVEL

PRESS THE POWER BUTTON TO CHECK THE BATTERY LEVEL IN THE LED INDICATORS.



TO CHECK THE CHARGING STATUS

WHEN THE POWER BANK IS CONNECTED TO AN INPUT SOURCE, LED'S WILL DISPLAY THE BATTERY LEVEL.



TO GO INTO SLEEP MODE

NO ACTION FOR 30 SECONDS WILL TURN ON THE SLEEP MODE, BY PRESSING THE POWER BUTTON THE POWER BANK TURNS OFF THE SLEEP MODE.



TO TURN OFF THE POWER BANK

PRESS AND HOLD THE POWER BUTTON FOR 3 SECONDS TO TURN OFF THE POWER BANK.

CHARGING DEVICES



THE LUMENIER POWER BANK PRO 225 COMES WITH A HIGH POWER XT-60 OUTPUT (MAX 225W) AND A FAST CHARGING USB-C OUTPUT WITH THE 3.0 POWER DELIVERY PROTOCOL (MAX 100W).

THIS POWER BANK SUPPORTS HIGH-SPEED CHARGING FOR VARIOUS DEVICES (SUCH AS THE IPAD PRO SERIES, IPHONE SERIES, NINTENDO SWITCH, AND MORE) AND SUPPORTS LAPTOP CHARGING FOR **ONLY** THOSE THAT CAN BE CHARGED THROUGH A USB-C PORT (SUCH AS THE MACBOOK SERIES, MICROSOFT SURFACE SERIES, AND MORE).

MANUFACTURER RECOMENDATIONS

1. CONNECT THE DEVICE TO THE XT-60 PORT OR TO THE USB-C PORT FOR 3.0 FAST CHARGING, FOR OPTIMAL PERFORMANCE USE THE PROVIDED CABLES.
2. USING USB-C TO USB-A CABLE FOR CHARGING THIS TYPE OF DEVICES IS NOT RECOMMENDED.
3. WHEN CONNECTING DEVICES TO THE XT-60 OUTPUT PORT, MAKE SURE TO SET THE DEVICE'S VOLTAGE BETWEEN 18V-25V AND BELOW 9A.
4. FOR OPTIMAL LAPTOP CHARGING MAKE SURE THAT ONLY THIS DEVICE IS CONNECTED TO THE POWER BANK AND THAT IT SUPPORTS VARIABLE VOLTAGE.
5. LAPTOPS WITH GREATER THAN 100W USB-C INPUT POWER MAY REQUIRE A LONGER CHARGING TIME.

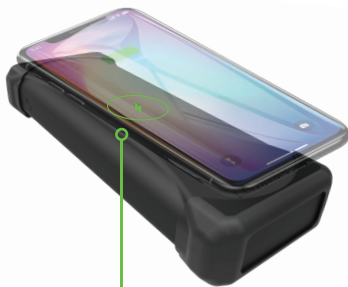
CHARGING DEVICES



WIRELESS CHARGING



1. PRESS THE POWER BUTTON ON THE POWER BANK.



2. PLACE THE DEVICE CENTERED ON THE POWER BANK, WITH THE BOLT LOGO TOUCHING THE NFC ON THE DEVICE.

THE LED WILL START BLINKING WHEN THE WIRELESS CHARGING IS IN USE



CHARGING THE POWER BANK

WHEN THE POWER BANK IS RUNNING OUT OF BATTERY THE LED INDICATOR WILL START TO BLINK. ●○○○

TO CHARGE THE POWER BANK THERE ARE 2 OPTIONS:

1. CONNECT THE USB-C TO USB-C CABLE OR THE USB-C TO USB-A CABLE INTO THE USB-C PORT OF THE POWER BANK OR A SUITABLE AC ADAPTER, A 60W POWER SOURCE IS RECOMMENDED.
2. CONNECT A DC-IN POWER SUPPLY 5V-20V/2A MAX 40W.

THE LED WILL START BLINKING WHEN THE POWER BANK IS CHARGING



SAFETY NOTES



WARNING - WHEN USING THIS PRODUCT, BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

TO REDUCE THE RISK OF INJURY, SUPERVISION IS NECESSARY WHEN THE POWER BANK IS USED NEAR CHILDREN.

DO NOT PUT FINGERS INSIDE OF THE POWER BANK.

DO NOT EXPOSE THE POWER BANK TO RAIN OR SNOW.

THE USE OF A POWER SUPPLY OR CHARGER NOT RECOMMENDED BY LUMENIER MAY RESULT IN THE RISK OF FIRE OR INJURY.

DO NOT EXCEED THE POWER BANK RATING OUTPUT, OVERLOAD OUTPUTS ABOVE RATING MAY RESULT IN A RISK OF FIRE OR INJURY.

TO GIVE YOUR POWER BANK THE FASTEST AND SAFEST CHARGE USE A COMPATIBLE USB-C CABLE, CHARGER OR ADAPTER.

DO NOT USE OR STORE THE POWER BANK AT HIGH TEMPERATURE OR IN SEALED OR HUMID ENVIRONMENTS.

DO NOT EXPOSE THE POWER BANK TO DIRECT SUNLIGHT, LIQUIDS OR FIRE.

SAFETY NOTES



DO NOT EXPOSE THE POWER BANK TO FIRE OR EXCESSIVE TEMPERATURE. EXPOSURE TO FIRE OR TEMPERATURE ABOVE 100°C MAY CAUSE EXPLOSION. THE TEMPERATURE OF 100°C CAN BE REPLACED BY THE TEMPERATURE OF 212F.

TO PRESERVE THE POWER BANK BATTERY LIFESPAN, USE AND CHARGE THE UNIT AT LEAST ONCE EVERY 3 MONTHS.

DO NOT THROW, DROP, OR PHYSICALLY DAMAGE THE PRODUCT.

DO NOT USE THE POWER BANK IF IT IS DAMAGED OR HAS BEEN MODIFIED.

DAMAGED OR MODIFIED BATTERIES MAY EXHIBIT UNPREDICTABLE BEHAVIOR RESULTING IN FIRE, EXPLOSION, OR RISK OF INJURY.

DO NOT DISASSEMBLE THE POWER BANK, IF REPAIR OR DISPOSE IS NECESSARY CONTACT A PROFESSIONAL.

INCORRECT REASSEMBLY MAY RESULT IN A RISK OF FIRE OR INJURY.

ONCE THE POWER BANK IS FULLY CHARGED REMOVE THE CHARGING CABLE.

MAKE SURE TO KEEP THE INPUT AND OUTPUT PORTS CLEAN.

TURN OFF THE POWER BANK WHEN NOT IN USE.

FCC COMPLIANCE STATEMENT



THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,

INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION, CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS B DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE IN A RESIDENTIAL INSTALLATION. THIS EQUIPMENT GENERATES, USES AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTIONS, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS.

FCC COMPLIANCE STATEMENT



HOWEVER, THERE IS NO GUARANTEE THAT INTERFERENCE WILL NOT OCCUR IN A PARTICULAR INSTALLATION.

IF THIS EQUIPMENT DOES CAUSE HARMFUL INTERFERENCE TO RADIO OR TELEVISION RECEPTION, WHICH CAN BE DETERMINED BY TURNING THE EQUIPMENT OFF AND ON, THE USER IS ENCOURAGED TO TRY TO CORRECT THE INTERFERENCE BY ONE OR MORE OF THE FOLLOWING MEASURES:

- REORIENT OR RELOCATE THE RECEIVING ANTENNA.
- INCREASE THE SEPARATION BETWEEN THE EQUIPMENT AND RECEIVER.
- CONNECT THE EQUIPMENT INTO AN OUTLET ON A CIRCUIT DIFFERENT FROM THAT TO WHICH THE RECEIVER IS CONNECTED.
- CONSULT THE DEALER OR AN EXPERIENCED RADIO/TV TECHNICIAN FOR HELP.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

RADIATION EXPOSURE STATEMENT

THIS EQUIPMENT COMPLIES WITH FCC RADIATION EXPOSURE LIMITS SET FORTH FOR AN UNCONTROLLED ENVIRONMENT. THIS EQUIPMENT SHOULD BE INSTALLED AND OPERATED WITH MINIMUM DISTANCE 20 MM BETWEEN THE RADIATOR AND YOUR BODY.

CHARGING DEVICES



LAPTOP CHARGING



1. CONNECT YOUR LAPTOP TO THE POWER BANK USING THE PROVIDED USB-C TO USB-C WIRE



2. PRESS THE POWER BUTTON ON THE POWER BANK.

THIS POWER BANK SUPPORTS LAPTOP CHARGING FOR ONLY THOSE THAT CAN BE CHARGED THROUGH A USB-C PORT (SUCH AS THE MACBOOK SERIES, MICROSOFT SURFACE SERIES, AND MORE).

FOR OPTIMAL LAPTOP CHARGING MAKE SURE THAT ONLY THIS DEVICE IS CONNECTED TO THE POWER BANK AND THAT IT SUPPORTS VARIABLE VOLTAGE.

LAPTOPS WITH GREATER THAN 100W USB-C INPUT POWER MAY REQUIRE A LONGER CHARGING TIME.

THE OUTPUT OF THE USB-C PORT CAN DELIVER UP TO 5V-20V/5A MAX 100W

CHARGING DEVICES



RC CHARGING



1. POWER THE RC CHARGER OUT OF THE XT-60 OUTPUT FROM THE POWER BANK (18V-25V/9A MAX 225W)

USE THE XT-60 FEMALE TO XT-60 FEMALE WIRE PROVIDED IN THE PACKAGE



2. SELECT THE DESIRED OUTPUT ON THE RC CHARGER TO POWER THE BATTERIES AND CHARGE AS USUAL

THIS POWER BANK SUPPORTS CONNECTING DEVICES TO THE XT-60 OUTPUT PORT, MAKE SURE TO SET THE DEVICE'S VOLTAGE BETWEEN 18V-25V AND BELOW 9A.

CONNECT THE DEVICE TO THE XT-60 PORT OR TO THE USB-C PORT FOR 3.0 FAST CHARGING, FOR OPTIMAL PERFORMANCE USE THE PROVIDED CABLES.