ENERGYSHROOM
PB665 TURBO X

USER MANUAL

boAt

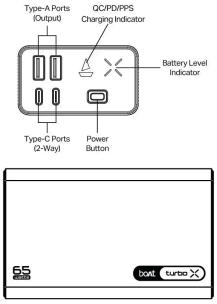
ENERGYSHROOM PB665 TURBO X

Thank you for choosing the EnergyShroom PB665 Turbo X by boAt to power up your cherished devices. This high-capacity 30000mAh power bank features a Li-ion polymer battery and is designed to deliver a safe, fast, and efficient charging experience. This manual will walk you through everything you need to know, from features to functionality. Read it thoroughly before first use to ensure a smooth sail. You can always refer back to these instructions whenever needed.

Contents -

- EnergyShroom PB665 Turbo X
- 1x User Manual
- 1x Type-C to C Cable
- 1x Warranty Card

Product Overview -



Features Breakdown

- Massive 30000mAh capacity with smart power management for extended usage.
- Supports lightning-fast charging with 2-Way 65W Turbo Fast Charging, compatible with QC 3.0, PD, and PPS protocols.
- Equipped with dual Type-C (2-way) ports for both input and output and dual USB-A ports for output, enabling seamless multi-device connectivity on the go.
- Stay protected with advanced 12-layer Smart IC protection against short circuits, overcharging, and over-discharging.
- Intelligent input/output control with intuitive LED indicators to display power and charging status.
- Confidently rugged and elegantly designed, featuring a high-temperature and scratch-resistant build for lasting durability.
- Pass-through charging allows you to power up the power bank while it simultaneously charges your devices.
- Includes a high-quality Type-C to C cable for fast and safe charging, ready to plug and play right out of the box.
- Backed by a 1-year domestic warranty for added peace of mind.

LED Battery Indicators

- When you press the power button, the LED indicators light up on the top panel in a cross-style layout, giving a clear view of the remaining battery level.

LED Display	Battery Level
1 LED On	0-25%
2 LEDs On	25-50%
3 LEDs On	50-75%
4 LEDs On	75-100%
Green LED (boAt Logo)	Fast Charging Active (QC 3.0 / PD / PPS)

Note: During fast charging or discharging, the boAt logo glows green, confirming that Quick Charge 3.0, Power Delivery (PD), or PPS advanced protocols are active.

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Power Button Functions

Use the power button to access essential controls on your power bank:

Action	Function
Single Press	Turns on the LED indicators and displays the current battery level and charging status.
Double Press	Turns off the LED indicators and stops charging connected devices.
Press & Hold	Resets the power bank to its default state.

Note: The power bank automatically starts charging connected devices without needing to press the button.
Use the power button only when you want to check battery status, stop charging manually, or reset the device.

Charging the Power Bank

The EnergyShroom PB665 Turbo X supports two-way fast charging through its dual Type-C ports. Follow the steps below to recharge the power bank safely:

- Connect one end of the Type-C cable to either of the Type-C1/C2 input ports.
- Plug the other end into a compatible wall adapter. (Supports QC 3.0 / PD / PPS fast charging).
- The LED indicators will blink according to the current battery level while charging.
- Once fully charged, all four LEDs remain solid.
- The boAt logo glows green when QC 3.0 / PD / PPS fast charging is active.

Note: For faster charging, use an adapter rated 18W or higher. For standard charging, a 5V⎓2A adapter may be used.

Charging Your Devices

The EnergyShroom PB665 Turbo X is equipped with quad output ports (2x Type-C + 2x USB-A), allowing multiple devices to be charged simultaneously.

2x Type-C Output Ports (65W Max):

- Devices may be connected using a compatible Type-C to Type-C cable.
- Both Type-C1/2 ports support fast charging up to 65W with PPS, PD, and QC 3.0 protocols.

2x USB-A Output Ports (QC 3.0 supported):

- Either of the two USB-A ports (USB-A1/2) can be used for charging devices.

Manual Start: If charging does not begin automatically, press the power button once to initiate charging.

Pass-Through Charging

The PB665 Turbo X supports pass-through charging, which means you can charge the power bank itself while it continues charging your connected devices.

Note: Charging and discharging speeds may reduce slightly to maintain safe operating temperature. Certified Type-C cables and QC/PD-compatible adapters are recommended for optimal performance.

Charging Norms & Precautionary Guidelines:

- Charger / Adapter: Use a power adapter rated at 5V⎓2A for standard charging.
- Cable / Wire: Use standard Type-C cables (recommended: 35 strands at 0.10mm diameter per strand) for optimal performance.
- Ensure all accessories used meet the required specifications.

Product Specifications

Model	PB665 Turbo X
Capacity	30000mAh (115.5Wh)
Rated Capacity	20100mAh (TYP 5V-2A)
Dimensions	111.3 mm x 69 mm x 40.63 mm
Battery Type	Li-ion Polymer
Input Ports	2x Type-C (2-Way)
Output Ports	2 × Type-C (2-Way), 2 × USB-A
Input	Type-C 1/2: 5V⎓3A, 9V⎓3A, 12V⎓3A, 20V⎓3.25A
Output	Type-C 1/2: 5V⎓3A,9V⎓3A,12V⎓3A, 15V⎓3A,20V⎓3.25A,3.3V-11.0V⎓5A(PPS) USB-A 1 / 2: 5V⎓3A, 9V⎓2A, 10V⎓2.25A, 12V⎓1.5A
Fully Charged by 20V / 3.25A adaptor	3 Hours 20 min ± 10 Min
Fully Discharged by 18W load	4 Hours 50 Minutes ± 10
Operating Environment	-10 to 55° Celcius
Overcurrent Protection	3.40A ± 0.2A
Over Charging Voltage Protection	20.15V ± 0.2V
Short Circuit Protection	Available
Body Temperature Cut Off	55 to 60°C

WEEE Information

This device and any electrical accessories are compliant with local applicable rules on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Important User Instructions

- Charge the power bank fully before first use for the optimal performance.
- Avoid leaving the power bank unattended in a vehicle, especially in direct sunlight.
- Keep the power bank away from children to prevent accidental misuse.
- The device should be protected from physical shocks, drops, or vibrations.
- If the power bank is fully discharged, make sure to recharge it promptly.
- Do not overcharge—avoid leaving the power bank connected to power for more than 24 hours.
- Ensure the charging current and voltage do not exceed the specified limits provided by the manufacturer.

Warning

- Do not drop, disassemble, strike, or attempt to repair the device yourself.
- Do not expose the product to water, fire, or direct sunlight.
- Do not use the product near flammable or combustible gases—it may ignite or cause burns.
- Do not disassemble or attempt to replace the built-in Li-polymer battery, as it may permanently damage the device or cause a safety hazard.

E- Waste Management

As per government regulations, all e-waste must be managed through specialized treatment methods outlined by the Government of India. Do not dispose of this product with unsorted municipal waste. It must be handled in accordance with the guidelines set by the Pollution Control Board. For proper disposal and recycling assistance, please contact our customer care for guidance.

Disclaimer:
Features may vary by product model. For detailed specifications, please refer to the product user guide.
Due to ongoing improvements, specifications are subject to change without prior notice. We continuously enhance our products to ensure the highest quality.

This device and any electrical accessories are compliant with local applicable rules on the restriction of the use of certain hazardous substances in electrical & electronic equipment

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