



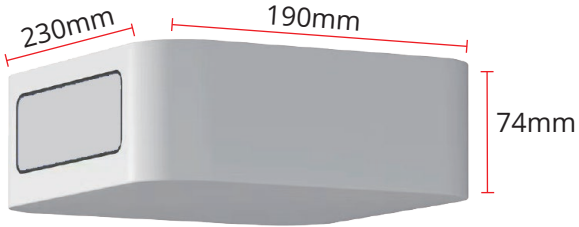
Modular Shared Power Bank with 1-6 Charging Cabinets

Main Features:

- Flexible modular structure composed of Communication Top Box and Charging Cabinets, supporting up to 6 layers of cabinets
- Two types of Communication Top Box for options (with or without screen)
- Complete App & Backend development to kickstart your business
- Support Paypal, Stripe payment and mainstream Credit Cards (Google Pay and Apple Pay optional)
- 5100mAh Battery with Micro, Type-C and Lightning charging lines
- Designed with one Control Button, Multi-color Battery Indicator and Voice Prompts, easy to charge
- Multiple protections: Flame-retardant ABS Material, Over Temperature Protection, Battery Overdischarge Protection, Dual Hardware Protection, Drop Protection

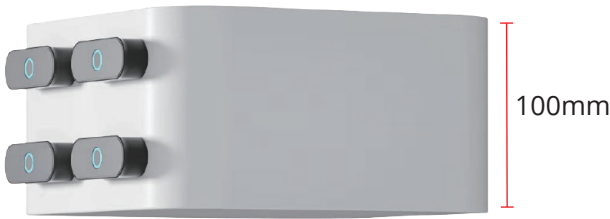


Structure Specification:



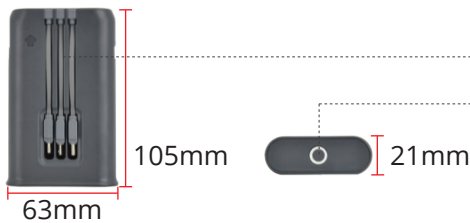
Top Box - Polypack B

- Support 4G and GSM
- Built-in speaker for voice prompts
- Weight: 600g



Charging Cabinet - Polypack S

- 4 slots per cabinet
- DC 5V 2A output
- Weight: 1195g

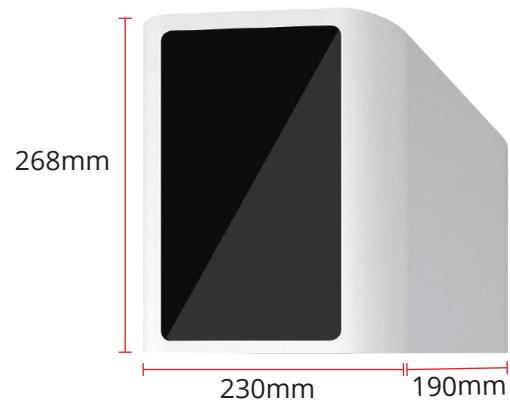


5100mAh Battery - Polypack P

- Micro, Type-C and Lightning lines
- Control button, 7-color breathing LED
- Weight: 160g

Top Box - Polypack D

- 10.1" Screen
- Support 4G and GSM
- Built-in speaker for voice prompts
- Weight: 1400g



Payment:



Communication Top Box and Charging Cabinet:

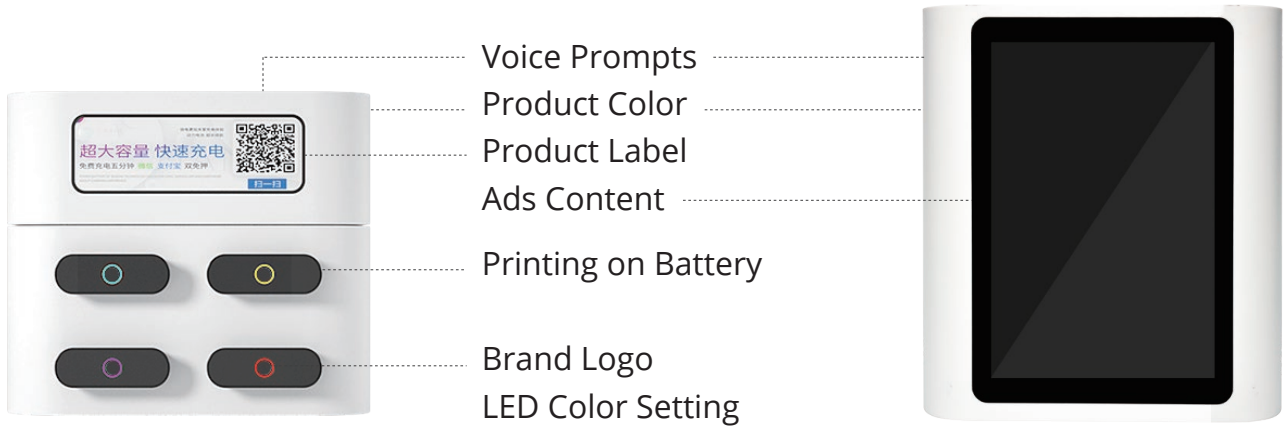
Structure	Communication Top Box + Charging Cabinet (support 1~6 cabinets)	
Top Box Model	Polypack B	Polypack D
Static Power	<1W (Without power bank charging)	<15W (Without power bank charging)
Maximum Power	75W (8-slot machine)	90W (8-slot machine)
Screen	None	10.1 inches Screen
Advertisement	None	Support image and video ads via U disk (Remote maintenance requires Internet connection and system development)
Network	4G 900MHz/1800MHz, GSM	4G 900MHz/1800MHz, GSM
Antenna	Built-in Antenna	Built-in Antenna
Speaker	Built-in speaker for voice prompts	Built-in speaker for voice prompts
Dimension & Weight	230mm x 190mm x 74mm, 600g	230mm x 190mm x 268mm, 1400g
Charging Cabinet Model	Polypack S	
Charging Slots	4	
Power Input	AC 180V~240V and above, 50Hz/60Hz, 1.5A	
Power Output	DC 5V 2A (Single slot)	
Dimension & Weight	230mm x 190mm x 100mm, 1195g	
Others		
Operating Temp.	10°C~35°C	
Storage Temp.	0°C~60°C	
Relative Humidity	20%~85%, non-condensing	
Material	V0 Flame-retardant ABS	
Warranty	12 months	

Rechargeable Battery:

Battery Model	Ploypack P
Battery Type	2 Li-ion Batteries, 18.9Wh, 5100mAh
Nominal Voltage	DC 3.7V
Charge	2.0A~2.1A (End-of-charge voltage: 4.2V±0.05V)
Discharge	5.0V±0.25V, 0A~2.1A (End-of-discharge voltage: 3.0V±0.1V)
Charging Line	3 x 40mm charging line Support Micro, Type-C and Lightning interfaces Withstand 1.5kg pulling force, strong magnet adsorption
Button	1 x Control Button
LED	1 x 7-color Breathing Battery Indicator (customized) Red: 0%~5% / Pink: 6%~20% / Yellow: 21%~60% / Green: 61%~100%
Interfaces	1 x Micro USB for debugging and maintenance 2 x 3-pin connectors to the charging cabinet
Other Functions	Low Voltage Trickle Charge, Remote Online Upgrade

Protection	Over Temperature Protection: 60°C±5°C Over Temperature Recovery: 50°C±5°C Dual Hardware Protection Battery Overdischarge Protection Drop Protection: 1m (Height), ceramic floor tiles
Operating Temp.	0°C~50°C
Storage Temp.	0°C~50°C
Dimension & Weight	105mm x 63mm x 21mm, 160g
Warranty	12 months

Customization Service:



Other Models:



ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 12-year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

