smallRig

X99 Power Bank

Operating Instruction

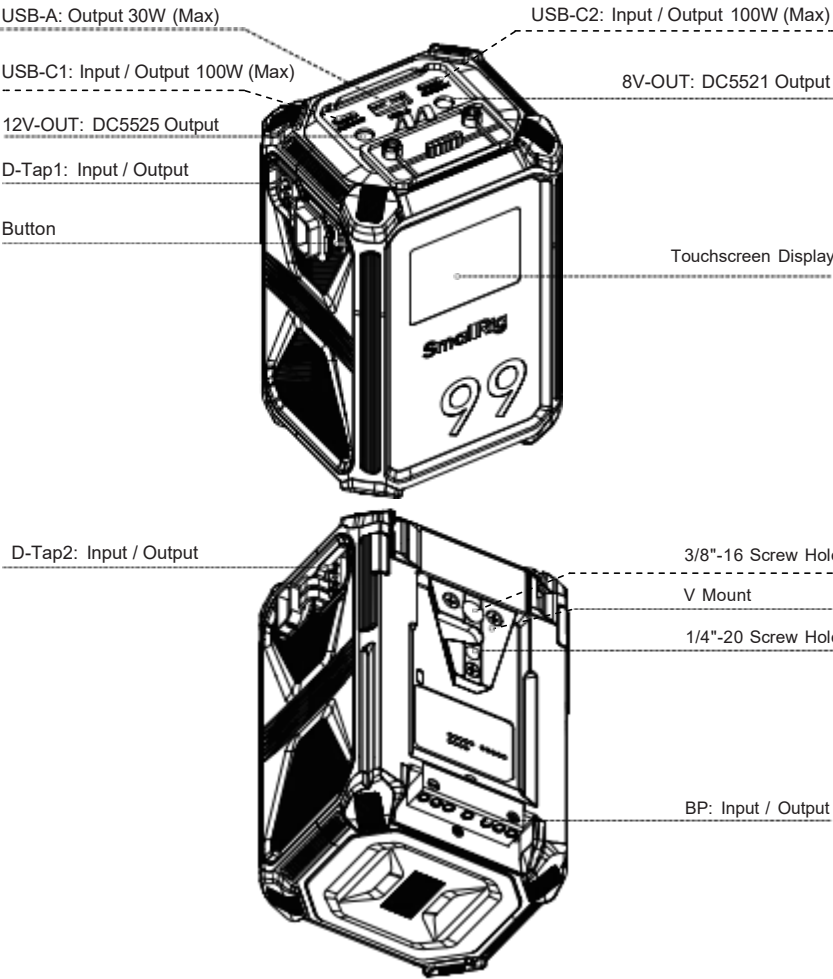Thank you for choosing SmallRig products.

Important Reminder

1. Please read this manual carefully before using this product.
2. Please pay attention to all warning prompts and follow all instructions in the user manual.
3. The battery's state of charge (SoC) is ≤ 30% of the rated design capacity at the time of leaving the factory.
4. Built-in non-removable lithium battery, unauthorized disassembly is strictly prohibited; external lithium battery, no disassembly is allowed.
5. After prolonged storage without use, it is recommended to charge and discharge the battery once every 6 months for maintenance to restore about 60% of the charged capacity, thus extending the battery's lifespan.
6. Please do not throw away the product wilfully as its battery contains a few harmful substances. Please recycle the damaged or unused products in accordance with the waste management measures.
7. Children should use it under adult guidance.
8. Charging temperature: 0℃~45 ℃ (32℉~113℉)
9. Discharging temperature: -10℃ ~ 45 ℃ (14 ℉ ~ 113℉)
10. When powering other devices, do not exceed the maximum allowable power of the battery.

⚠️ Please refrain from disassembling the product or the battery. If there's any problem with the product, please contact the purchase platform for after-sales assistance.

Product Details

USB-A: Output 30W (Max)

USB-C1: Input / Output 100W (Max)

USB-C2: Input / Output 100W (Max)

8V-OUT: DC5521 Output

12V-OUT: DC5525 Output

D-Tap1: Input / Output

Button

Touchscreen Display

SmallRig

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D-Tap2: Input / Output

3/8"-16 Screw Hole

V Mount

1/4"-20 Screw Hole

BP: Input / Output

Product Parameters

Items		Parameters
Material		Fireproof PC + Silicone + Aluminum Alloy
Battery Type		Lithium-ion Battery
Battery Rated Parameters		14.54 V / 6800 mAh / 99 Wh
Rated Total Output		100W
Battery Capacity		27200mAh (Cell: 3400mAh × 8)
Input	USB-C1 / USB-C2	5V⎓3A、9V⎓3A、12V⎓3A、15V⎓3A、20V⎓5A; 100W (Max)
	BP / D-Tap1 / D-Tap2	16.8V (Max); 6.8A (Max)
Output	USB-C1/ USB-C2	5V⎓3A、9V⎓3A、12V⎓3A、15V⎓3A、20V⎓5A; 100W (Max)
	USB-A	5V⎓3A、9V⎓3A、12V⎓2.5A; 30W (Max)
	BP/ D-Tap1/ D-Tap2	11.2-16.8 V / 6.8 A (Rated)
	8V-OUT	8V⎓3A (Max)
	12V-OUT	12V⎓3A (Max)
USB-C1 / USB-C2 Support Protocols		PD3.0、QC2.0、QC3.0、AFC、DCP-1.5A、PPS、APPLE-2.4A
USB-A Support Protocols		QC3.0、QC2.0、AFC、FCP
Discharging Cut-Off Voltage		11.2V
Charging Temperature		0℃ to 45℃
Discharging Temperature		-15℃ to 60℃
Rechargeable Port		BP, D-Tap, USB-C
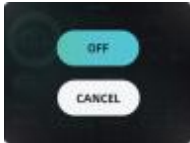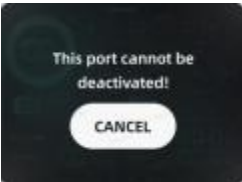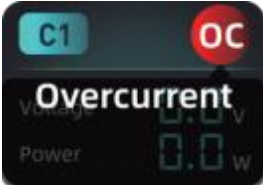
Button Functions

Power on	Single-click the button to power on
Power off	Long press the button to enter the power-off operation interface, and the device will shutdown after a 2-second countdown (during shutdown, only USB-C, USB-A, DC, and the screen will be deactivated, BP and D-Tap cannot be deactivated)
Screen off / Screen on	Single-click the button to turn off the screen when the screen is on, and single-click the button to turn on the screen when the screen is off
Port Information Switching	Double-click the button to switch the displayed port

Touch Screen Functions

Information Display		After powering on, the screen displays the port's charging / discharging voltage, power, battery level, remaining charging /discharging time, and temperature; swipe left / right to switch the displayed port
Settings		Swipe the screen down to enter the settings interface, and then swipe up to return to the port information interface
Screen Brightness Control		Disable the always-on display, and the screen brightness will automatically dim to the lowest setting after 8 seconds of inactivity
		Enable the always-on display, and the screen will maintain its original brightness continuously
		Single-click "+" or "-" to adjust the screen brightness

Back LED Light Control		Turn off the LED light
		Turn on the LED light
		Single-click "+" or "-" to adjust the brightness of the LED light
Power-off Interface		Long press the button for 0.5 seconds to enter the power-off confirmation interface; long press the power-off confirmation button for two seconds to shutdown the device; single-click the button to cancel power-off and return to the previous interface
无线通讯		Long press the button for 0.5 seconds to turn on/off the wireless communication. After turning on, you can control the battery port and inquire battery information through the SmallGoGo APP on your mobile phone.

Product Information Inquiry		Single-click the button to inquire product information
Deactivation of Port Output	**C2** Voltage 20.0 v Power 30.0 w	Long press the port information area to turn off / on the corresponding port (USB-C, USB-A, and DC ports) OFF CANCEL
	100% Total 0.0 w Time Left 10 0 H 	The deactivated port is displayed in gray
	This port cannot be deactivated! CANCEL	This port cannot be deactivated (BP port and D-Tap port)
Abnormality Prompts	**C1** **OC** Overcurrent Power 0.0 w	Overcurrent (It can be released by leaving the device idle for more than 1 minute after removal.))

Abnormality Prompts		Overvoltage (It can be released by leaving the device idle for more than 1 minute after removal)
		High battery temperature (Remove the device and place the battery within the operating temperature range to resolve the issue. The discharging temperature ranges from 0℃ to 45℃, and the charging temperature ranges from 0℃ to 45℃)
		Low battery temperature (Remove the device and place the battery within the operating temperature range to resolve the issue. The discharging temperature ranges from 0℃ to 45℃, and the charging temperature ranges from 0℃ to 45℃)
		Charging Paused (It can be released by leaving the device idle for more than 1 minute after removal)
		Discharging Paused (It can be released by leaving the device idle for more than 1 minute after removal)

OTA Feature

Firmware upgrades can be performed online via the SmallGoGo App

App Intelligent Control Feature

You can download SmallGoGo on your mobile phone or tablet PC, and then connect to a device named SmallRig-XXX, with the battery wireless communication enabled. Once connected, you can control the device wirelessly

Note: When using the App, please enable the location services and Bluetooth features and permissions on your mobile phone.
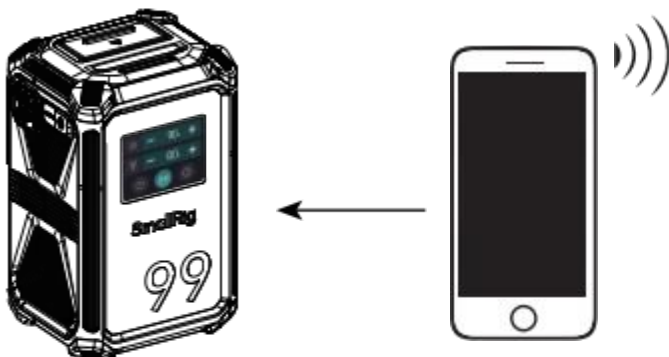
Usage of the SmallGoGo App

You can search for SmallGoGo on the App Store and Android Market to download the professional control software。
For more detailed instructions, please scan the QR code below:

Download Page

Opreating Instruction

The product has been covered by the liability insurance of PICC Property and Casualty Co., Ltd.

| EC | REP |

GAVIMOSA CONSULTORIA, SOCIEDAD LIMITADA,
CASTELLANA 9144, 28046 Madrid,
compliance.gavimosa@outlook.com

WE ARE HERE FOR YOU
服务与支持

| UK | REP |

Sea&Mew Accounting Ltd,
Electric Avenue Vision 25, London, Enfield EN3 7GD,
info@seamew.net

ETICHETTATURA AMBIENTALE
ENVIRONMENTAL LABELING

Manufacturer Email: support@smallrig.com
Manufacturer: Shenzhen Leqi Innovation Co., Ltd.
Add: Rooms 101, 701, 901, Building 4, Gonglianfuji Innovation Park, No. 58, Ping'an Road,
      Dafu Community, Guanlan Street, Longhua District, Shenzhen, Guangdong, China.

Consignor: Shenzhen LC Co., Ltd.
Add: Room 201, Building 4, Gonglianfuji Innovation Park, No. 58, Ping'an Road,
      Dafu Community, Guanlan Street, Longhua District, Shenzhen, Guangdong, China.

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中国制造

Made in china

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CMIIT ID: XXXXXXXXXXX

PS
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SmallRig Japan株式会社

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인증번호: XU103204-24009
A / S: 0232730818
재조년월: 2024.07

CE ROHS Se

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

2. This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

NOTE: 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 de signed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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.

RF exposure warning statement: The device has been evaluated to meet general RF exposure requirement.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

1.This device may not cause interference.

2.This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

1.L'appareil ne doit pas produirede brouillage;

2.L'appareil doit accepter tout brouillage radicélectrique subi, même sile brouillage est susceptible d'en compromettre lefonctionnement.

CAUTION:Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions

This product can be used across EU member states.

The device complies with general RF specifications when the device used at 5mm from your yourbody.

Adapter shall be installed near the equipment and shall be easily accessible.

EUT Operating temperature range: 0° C to 45° C .

We [Shenzhen LC Co., Ltd] declares that the radio equipment type [X99 Power Bank] is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the DoC letter for reference