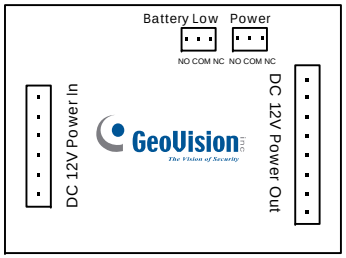
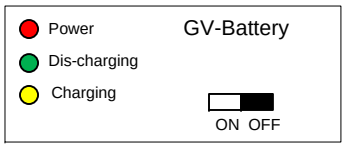
GV-Battery

GV-Battery is an uninterruptible power supply (UPS) device, designed to continuously supply GV IP products and GV-AS200 Controller power during power failure.

Packing List

1. *1 x GV-Battery*
2. *1 x 2-Pin to DC-Jack Power Cable (for GV IP products)*
3. *1 x 6-Pin to DC-Plug Power Y Cable (for GV IP products)*
4. *1 x 6-Pin to 6-Pin Power Cable (for GV-AS200 Controller)*
5. *1 x Power Cable with 6-Pin Connector and Bare Wires (for GV-AS 200 Controller)*
6. *2 x 2-Pin to 3-Pin Power Wire (for relay device)*
7. *1 x Battery (YUASA NPH5-12) (This is optional for purchase.)*

Function Panel

	Name	Description
Top View 	Battery Low	When the battery voltage is down to 10%, a signal is output to a relay device.
	Power	When the power is supplied through the connection with the power adapter of the GV device, a signal is output to a relay device.
	DC 12V Power In	Charge power through the connection with the power adapter of the connected GV device.
	DC 12V Power Out	Transfer power to the connected GV device.
Front View 	Power Switch	Switch the GV-Battery on to start serving as the backup power supply or off to stop.
	Power LED (Red)	Power is supplied through the connection to the power adapter of the GV device.
	Dis-charging LED (Green)	The power source switches to GV-Battery during power loss.
	Charging LED (Yellow)	The GV-Battery is charging when its power is switched on.

Specifications

Battery Model	Yuasa NPH5-12
Volt Range	10.2 V ~ 12.5 V
Nominal Voltage	12 V
Nominal Capacity	5 Ah, 20 to 25 degree C
Charge Circuit	0.5 A
Final Discharge	10.2 V
Energy Density	120 Wh/kg, 175 Wh/l
Max. Discharge	1.85 A / 3.7 A
Power Detector	When the power is supplied through the connection with the power adapter of the GV device, a signal is output to a relay device.
Relay Output	DC 30V 1A , AC 125V 0.3A
Battery Low	When the battery voltage is down to 10%, a signal is output to a relay device.
Operating Temperature	0 ~ 50 degree C
Storage Temperature	0 ~ 50 degree C
Dimensions	80 (L) x 116 (W) x140 (H) mm
Weight	450 g (without battery)
	2.3 Kg (with battery)
Compatible Products	GV-Compact DVR, GV-Video Server, GV-IP Camera, GV-DSP LPR and GV-AS 200 Controller

NOTE: The compatible battery models include Yuasa NPH5-12 and CSB GP1245. GeoVision only sells Yuasa NPH5-12.

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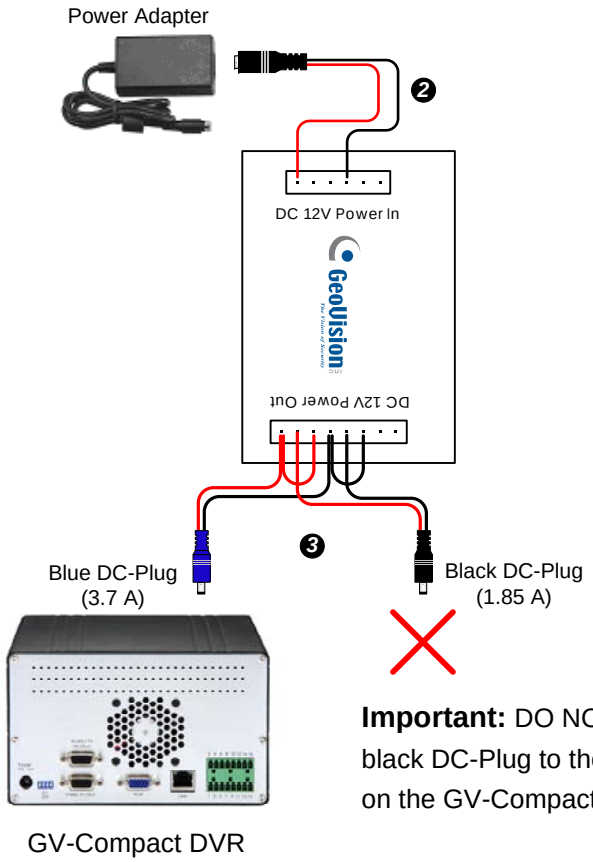
Connections

GV-Battery can be used with GV-Compact DVR, GV-Video Server, GV-IP Camera, GV-DSP LPR, or GV-AS200 Controller. The following illustrations demonstrate how a GV-Battery is connected to any of these compatible GV products.

Connecting to a GV-Compact DVR

One GV-Battery can supply power to one GV-Compact DVR. Follow these steps to connect the devices.

1. On the GV-Battery, insert the 2-pin connector of Cable ❷ to the **Power In** slot.
2. Connect the DC-Jack of Cable ❷ to the power adapter of the GV-Compact DVR.
3. On the GV-Battery, insert the 6-pin connector of Cable ❸ to the **Power Out** slot.
4. Connect the blue DC-Plug of Cable ❸ to the power connector on the GV-Compact DVR.



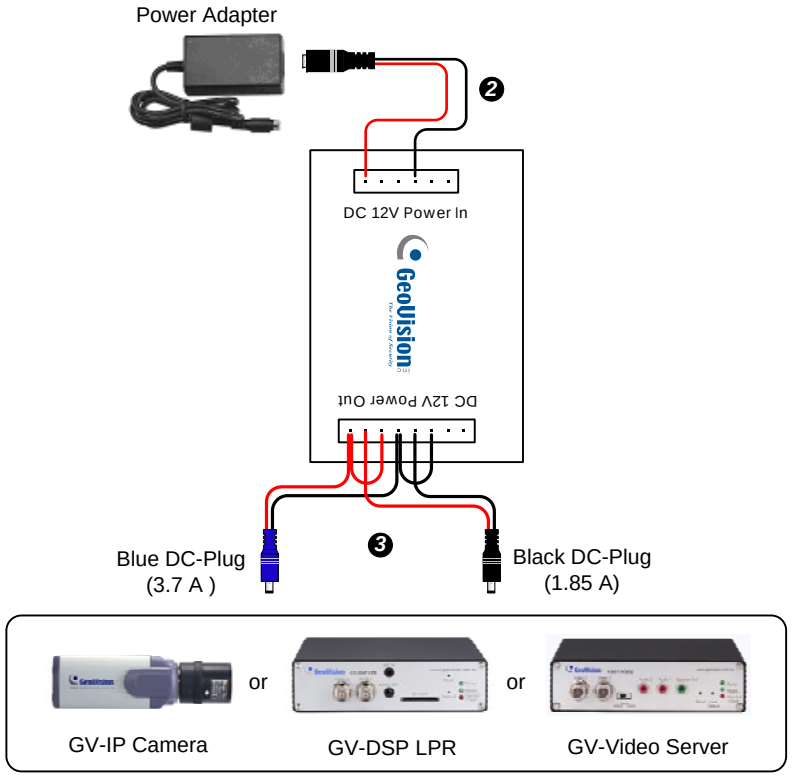
GV-Compact DVR

Important: DO NOT connect the black DC-Plug to the power connector on the GV-Compact DVR.

Connecting to a GV-Video Server, GV-IP Camera, or GV-DSP LPR.

One GV-Battery can supply power to up to two of the following GV devices: GV-Video Servers, GV-IP Cameras and GV-DSP LPRs.

1. On the GV-Battery, insert the 2-pin connector of Cable ❷ to the **Power In** slot.
2. Connect the DC-Jack of Cable ❷ to the power adapter of the compatible GV device.
3. On the GV-Battery, insert the 6-pin connector of Cable ❸ to the **Power Out** slot.
4. Connect the black DC-Plug of Cable ❸ to the power connector on the compatible GV device.
5. If you want to connect the GV-Battery to another compatible GV device, connect the blue DC-Plug of Cable ❸ to the power connector on that GV device.



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Connecting to a GV-AS200 Controller

One GV-Battery can be installed in a GV-AS200 Controller to serve as backup power supply.

1. On the GV-Battery, insert one 6-pin connector of Cable ❹ to the **Power In** slot.
2. Insert the other 6-pin connector of Cable ❹ to the power adapter of the GV-AS 200 Controller.
3. On the GV-Battery, insert the 6-pin connector of Cable ❺ to the **Power Out** slot.
4. Connect the bare wires of Cable ❺ to the power connectors on the GV-AS 200 Controller.