



Mobile Power Box



When to use mobile power box?

VVP-PB001 mobile power box

Situation 1. "Europe Design Car"- Some design of car cigarette charger, the power supply is continuous

Solution: Use power box connect to ACC, then the power can be switched off.

Situation 2. The continuous recording is needed after turning off the engine: (Use for some cars in none-accident situation.

Solution: This demand can be done by VVP-PB001 mobile power box.

Situation 3. Most " Commercial Cars" don't like connecting to Cigarette charger directly, such as : Rental Car, taxi, 24-hours vehicles ... etc

Solution: This demand can be done by VVP-PB001 mobile power box.

VVP-PB001

Feature:

- When the car engine is turned off, the power supply can be provided by super-capacitor.
- Europe Car type use (the power is continuous supplying after turning off the engine); the extending power supply from ACC.
- Support DC9V ~ 32V
- The wide range of operation temperature.
- Highly security, environmental free, non-toxic and pollution.

Mobile Power Box

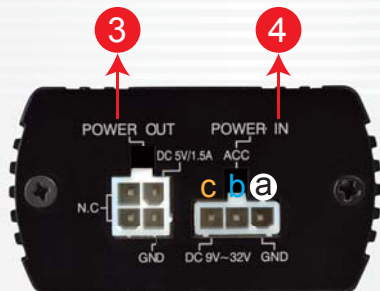
VVP-PB001

■ Front Panel




- 1 → ● Green light indicator: ACC On
- Blue light indicator: 5V power is provided by super-capacitor.
- 2 → ● Green light indicator: 5V power is provided by the battery (PWR)
- Red light indicator: 5V power overloading or short-circuit

■ Back Panel



- 3 → Power Output
DC5V 1.5A miniFit to miniUSB

- 4 → Power Input
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- a. Black: connect to (-) on the battery
 - b. Blue: connect to ACC
 - c. Yellow: connect to (+) on the battery

■ Specification

List	Specification
Power Input	(a) Startup voltage required to 11v ± 5% or more
	(b) The maximum current consumption of DC12V input is approx. 1.3A
	(c) Resettable fuse built-in
Power Output	(a) DC5v±10% / Max. 1.5A
	(b) Built-in output current overloading protection device
ACC Power Signal	(a) Power Supply: DC9v ~ 32v
	(b) ACC off: Approx. 30 seconds extending power after turning off the main power supply, replace with the internal power supply instead.
	(c) ACC off: Standby current under 5mA
Backup Power Capacity	(a) 10 Farah ± 20%, it takes about 90 seconds for power fully charge.
	(b) Loading with 1.5A can be set with 3 seconds extending, 1.0A with 6 seconds, and 0.5A with 10 seconds.
	(c) Due to ambient temperature changes, it is normal to result in shortening extending time and efficiency.
Temperature	-10°C ~ +60°C
Accessories	(a) Length of Input Power Cable: 30 cm
	i. Yellow: Connect to battery power distribution panel, must connecting with fuse.
	ii. Blue: Connect to ACC
	iii. Black: Ground
	(b) Length of Output mini USB cable: 400±5 cm

*Product specifications are subject to change without notice; please contact us for the latest information.

■ Mobile Power Box Operating Manual after the power is on



- (a) After ACC is On, the super capacitor will be charged in DC5V.
- (b) The power from internal super-capacitor will be kick-in after the supplying power from ACC is off when the engineer has been shutdown.
- (c) The DC5V output will stop outputting after super capacitor start to providing the power for several seconds.

■ Safety Regulations



- If the cars in high-speed impact or any emergency collision happened, it may result in product damage or broken, also the product will not work normally or in a sudden. Therefore, please do not install the product in fire-fighting equipment, expensive electronic equipment, telecommunications equipment, and life equipment ...etc
- The product must be fixed firmly to avoid the unexpected accidents in high-speed collision.
- The user must bear the risk of flat battery, if the user connect the device to vehicle battery directly without following the installation instruction. Because continuous power supplying for 24 hours recording will cause the battery flat.
- All cables must go through the wiring distribution panel and fuse protection to avoid the damage caused by the abnormal situation.

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