

## PSM V1

Power Supply  
for Mobility

### What is

- The PSM V1 is a power supply device by remote control. To let it work, we need only a basically built-in adapter in a vehicle such as a cigarette lighter. It carries electric power from a cigarette lighter adapter to an in-vehicle testing equipment.
- Our PSM device supplies very stable power to various equipment including the ECU. Power on & off is operated by in-vehicle PC connected to PSM by the RS-232 controller.

### Highlights

- Ultra-convenient operation : Quick & Easy connecting by RS-232 remote control
- Smart transformation : Electric power of 220V can be transformed to 24V power (up to 120W power supply) the most stable operating is under the condition of 12V(5A)
- Two-ways converting available : Step-down & Step-up convertor
- Smart control
  - Adjustable & regulated power supply
  - Adjustable buck-boost converter
  - Automatic temperature adjustment(cooler function) through its active temperature sensor

### Applications

- Power supply for mobility platform
- Power supply for remote control system

### Technical Details

General	Support 0V to 24V Max. 120W (Normal : 12V, 5A / Max. 24V, 5A) 3-Channel constant power / 3-Channel remote control power
Input Power (in vehicle)	DC 12V by built-in cigarette lighter adapter or AC 220V by built-in power socket
Terminal Socket	Keeping plugged-in at using remote control mode 12V(5A) @ RS232 socket
Network	RS-232 remote control (USB to RS-232) Female type D-SUB 9pin connector (D-SUB 9pin male cable) UART 9600 Baud - Protocol 'A' : Power off - Protocol 'a' : Power on
Dimension	210 X 220 X 75 (mm)



### Cellplus Korea

Cellplus Korea is a rising corporate within the Edge Computing industry. Backed by cutting-edge engineers and professionals, we provide multifarious hardware, software, and engineering services in order to provide AI & Automotive businesses with high-end solutions to reach their highest potential.

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