

PW201

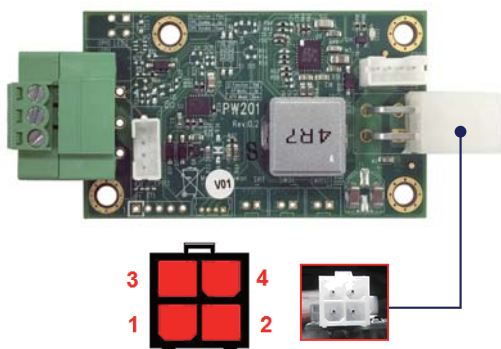
PW201-CP : Wide range input voltage power board
with power ignition on/off delay function

PW201-WV: Wide range input voltage power board

Introduction:

PW201 is a wide range 9V-36V input voltage power board which supports power ignition on/off delay function (Car Power Control) for in-vehicle equipments. PW201 supports adjustable power ignition On/Off delay time.

TOP



PIN	1,2	3,4
DC OUT	Ground	+12V

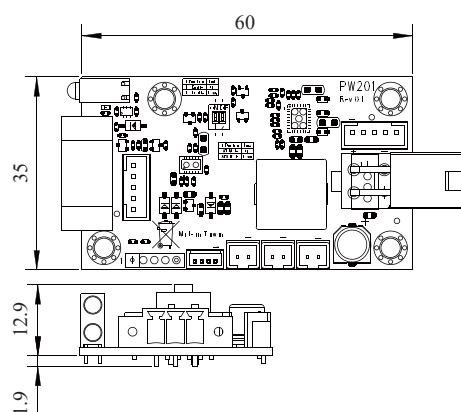
Features:

- DC Input: 9V~36V
- Output voltage: 12V / (60W)
- Current: 5A
- CPC: Power ignition on/off delay function
- Protections: SCP, OCP, OVP, SVP, RIP (Reverse input protection)

Specification:

Type	DC to DC
Input	3pin TB
Output port	2 x 2pin ATX & 1 x 5 wafer type
CPC Function	SMBus wafer, SW wafer
Operating Temperature	-40°C ~ +85°C
Dimensions	35 x 60 mm

Mechanical Drawing:



Ordering Information:

PW201-CP

6G9102-0009002-0 PW201-CP-002

PW201-WV

6G9102-0015001-0 PW201-WV-001

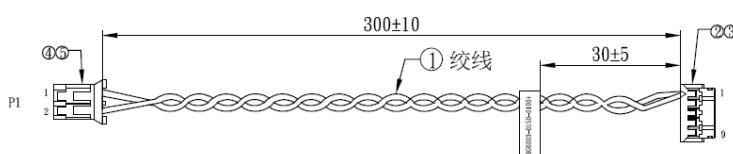
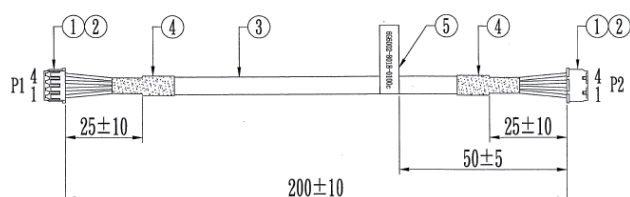
PIN	1	2	3
Description	Ign	V+	V-
DC-IN	Car ignition in	Car BAT+	Car BAT-



Cable Information (Option):

6G6002-8018-0100 L=20cm, 4p / 1.25 to 4p / 1.25

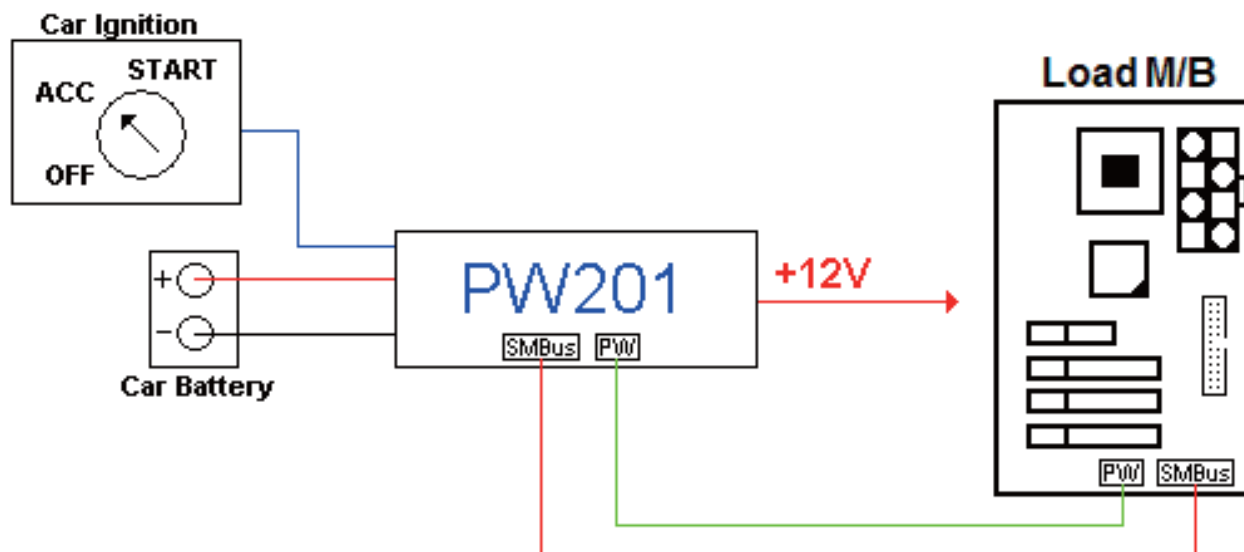
6G6003-0150-0100 L=30cm, 2.0 2 x 5 / 2.0 1 x 2



Working Instruction

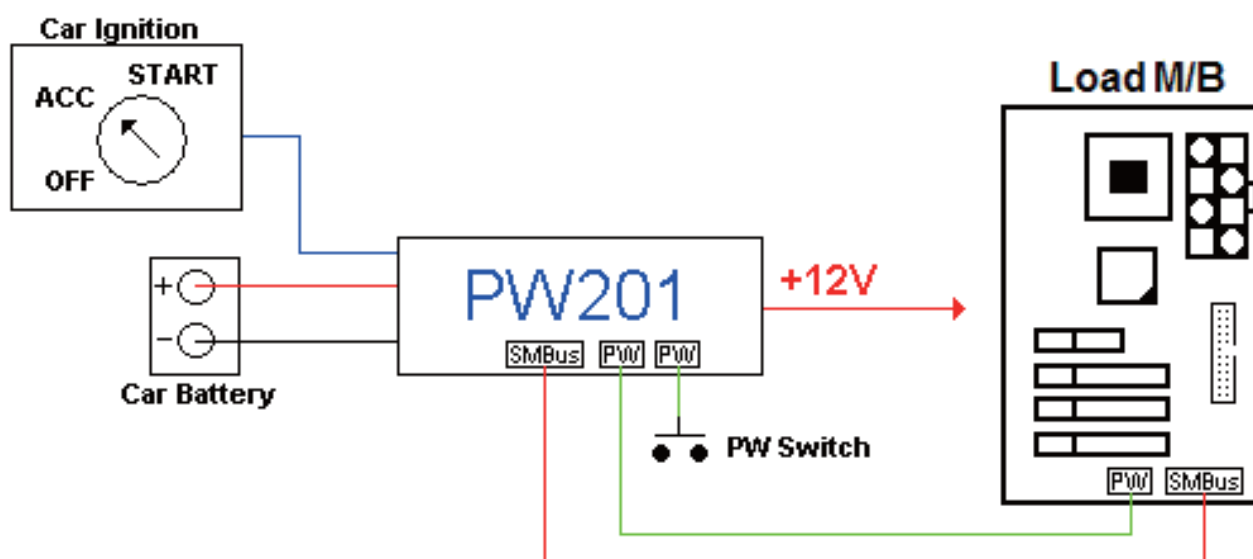
Auto Mode

This is M/B connecting Diagram under the Auto Mode status



Manual Mode

This is M/B connecting Diagram under the Manual Mode status.



Car Power Control (CPC) LED behavior

LED	Function	Active
Yellow	PW201 Vout Enabled	ON
	PW201 Vout Disabled	OFF
Green	CPC Status indicator	
	Delay Main Power On	ON:0.3sec, OFF:1sec
	OS Delay Off	ON:0.3sec x2, OFF:1sec
	Main Power Off delay	ON:1sec, OFF:1sec
	Battery Low Voltage	ON:0.3sec, OFF:0.3sec