CHOOSE YOUR USB Pro PRODUCT

Part Number	Description	Dimensions (mm)	Weight
PVPro-S	Single output 12/24-5V USB Charger 2.1A	Ø37 x 33; Hole Ø30	20g
PVPro-D	Double output 12/24-5V USB Charger 3.0A (1.5A per socket)	Ø37 x 33; Hole Ø30	24g
PVPro-SFf	Single output 12/24-5V USB 2.1A Front fitting	Ø47 x 33; Hole Ø30	23g
PVPro-DFf	Double output 12/24-5V USB Charger 3.0A Front fitting	Ø47 x 33; Hole Ø30	27g
PV-USB2	Single output charger only 12/24-5V USB 2.1A	113 x 24 x 15	17g
PV-USB-POD	Mounting pod for USB Chargers	Width 60; Height 52; Depth 80	55g
PV-USB-H1	Standard 1.2m wiring with inline 2A fuse	1 x Red 1.2m, 1 x Black 1.2m	50g
For Railway Approved Versions , please see PowerVerter Pro Railway			

TECHNICAL DATA

Input voltage range	9-32Vdc
Output voltage	5Vdc +/- 0.2V
Output Power	2.1A (single) 3.0A (double) - max 1.5A per socket
Application	Charges all USB devices including Apple and Android
Transient voltage protection	Meets ISO7637-2 International standard for 12/24V vehicles
Output noise	<50mV pk-pk
Off load current (quiescent current)	<1.7mA
Power conversion efficiency	90%
Operating temperature	-25°C to +55°C to meet this specification table
Storage temperature	-25°C to +100°C
Operating humidity	95% max., non-condensing
Casework	Black polycarbonate body
Connections	Input: 6.3mm push-in flat blade connectors Output: USB type A single socket/double socket - tested to 10000 mating cycles
Output indicator	Blue LED output indication
Mounting method	30mm diameter hole with or without bezel. USB2 for non through fitting applications.
Safe area protection: Over Current	Limited by current sensing circuit
Over heat	Limited by temperature sensing circuit
Overvoltage and Undervoltage	Limited by sensing circuit
Reverse Polarity	Limited by sensing circuit
Transients	Protected by filters and rugged component selection
Catastrophic protection	Internal fuse
Approvals	2014/30/EU The general EMC directive Regulation 10 The automotive directive 93/68/EEC The CE marking directive AES5, ECE R118.02 and UL 94: V-0
Designed to	EN50498, EN61373 and ISO 7637-2 To fully meet railway approval to EN50155 & EN50121-3-2 the PVPro is to be used in conjunction with a PV6i-R or PV12i-R
Markings	CE and E (automotive) marked
IP Rating:	IP30