Component	Description	Communication	Shop 1	Shop 2 (US)	Shop 3 (IT)	Docs				
DC/DC Converter	DC/DC Converter (12 > 5V)	-	https://www.amaz	https://www.amaz	https://www.amaz					
Raspberry PI 4	Raspberry PI (or similar)	-	https://www.amaz	https://www.amaz	https://www.amaz					
SD Card	Memory card used as storage for the Raspberry Pi	-	https://www.amaz	https://www.amaz	https://www.amaz					
GPIO Extender	GPIO Extender AW9523B IO Expansion Board, I20	I2C	https://www.wave	https://www.amaz	https://www.amaz	http://www.wave	share.com/wiki/A	N9523B_IO_Expa	ansion_Board	
UPS Pack V3	Battery and Double power management	UART	https://www.amaz	https://www.amaz	https://www.amaz	https://github.cor	n/rcdrones/UPSF	ACK_V3/blob/ma	ster/README_er	ı.md
SIM7600	SIM7600E-H 4G HAT for Raspberry Pi, LTE Cat-4	UART + AT&T	https://www.wave	https://www.amaz	https://www.amaz	https://www.wave	eshare.com/wiki/S	SIM7600E-H_4G_	<u>HAT</u>	
Push Buttons	Physical buttons accessible from the box	GPIO	https://www.amaz	https://www.amaz	https://www.amaz					
Relays Module (Relays)	Relays / Mosfet module to control 12V appliances	GPIO	https://www.amaz	https://www.amaz	https://www.amaz					
Sense Hat (c)	Environment Sensors LPS22HB barometric pressu	I2C	https://www.wave	https://www.amaz	https://www.amaz	https://www.wave	eshare.com/wiki/S	Sense_HAT_(C)		
Sensor Gas MQ-2 (Famable Gas Flammable Gas Sensor 12C via Se		I2C via Sense Hat (c)	https://www.wave	https://www.amaz	https://www.amaz	https://www.wave	eshare.com/wiki/ľ	MQ-2 Gas Senso	<u>or</u>	
Sensor Gas MQ-7 (CO2)	CO2 Gas Sensor	I2C via Sense Hat (c)	https://www.wave	https://www.amaz	https://www.amaz	https://www.wave	eshare.com/wiki/ľ	MQ-7_Gas_Senso	<u>or</u>	
Connector PowerIn	Connector for DC/DC Input 12/24V		https://www.amaz	https://www.amaz	https://www.amaz					
Push Button Switch Self-locking	External button for the UPS 12mm (Hole) 4 PINs		https://www.amaz	https://www.amaz	https://www.amaz					
Cables	Jumper cables 20cm female-female		https://www.amaz	https://www.amaz	https://www.amaz					
Spacers	Spacers, Screw and Nuts hex M2.5 per PCB		https://www.amaz	https://www.amaz	https://www.amaz					
JST PH 2,0mm 4 pin	JST PH 2,0mm Connectors 4 pin for UPS's Externa		https://www.amaz	https://www.amaz	https://www.amaz					
Dupont Connectors 1/3/5 pin	Dupont Connectors 1/3/5 pin for internal cables		https://www.amaz	https://www.amaz	https://www.amaz					
Resistors	Resistor 10KOhm 1/4W 5% for cover's buttons		https://www.amaz	https://www.amaz	https://www.amaz					
Crimp Connector	Crimp Connector for DC/DC converter's cables		https://www.amaz	on.it/Connettori-El	https://www.amaz					
3D Material	Description	Shop	Docs							
PLA	Main material for the SmartVanBox's case	https://www.3ditalysho	https://ultimaker.c	om/materials/s-ser	ies-pla/					
Breakaway	Support material for the SmartVanBox's case	https://www.3ditalysho	https://ultimaker.co	om/materials/s-ser	ies-breakaway/					

- [1] With 4000A Battery
- [2] With 4000A Battery
- [3] This is the SIM7600A-H for North America
- [4] This is the SIM7600E-H for Europe
- [5] This sensor has a different shape than the original one
- [6] This sensor has a different shape than the original one