

Egoldvan Industry Co., Limited

Specification Sheet



The name of project:		KIT300	Draft Date:	2023.04.13	
The name of product:		Tire mobility kit	Last revision date:		
Part number:		KIT300	Version:	P01	
Design basis:		Technical specifications			
Number	Project	Specification value	Products' introduction&photos		
1	Tire mobility kit	250mm×150mm×90mm	<p>1.The product is a miniature portable quick tire mobility tool kit for vehicles, which contains three parts: inflator, tire sealant and cloth bag; The inflator can be used for inflation, deflating, and tire pressure detection; The tire sealant can repair the broken tire with the use of the inflator (can repair the $\leq \phi 6$mm of the nail breakage); At the same time, it can also inflate objects such as blue balls, footballs, and balloons;2.The inflator and tire sealant are independently developed, produced and manufactured by the company, and have independent intellectual property rights. The raw materials of tire sealant are natural latex, propylene glycol, etc., which do not have any corrosion on tires and rims, and do not have any damage to the human body.</p> 		
2	Tire mobility kit weight (kg)	1.45kg			
3	Working Voltage	DC9V-16V			
4	Working current	$\leq 15A$			
5	Pressure automatically released pressure	5±0.5bar			
6	Pressure gauge accuracy	±0.1bar			
7	Nanometer Measurement	0-6bar			
8	Inflate 45L air tank(0-3.0bar)	≤ 8 min			
9	Power Cord Range (Exserted)	3060mm±50mm			
10	Sealant hose Length	≥ 500 mm			
11	Air hose length	≥ 550 mm			
12	Core Valve Type	VG8 universal thread			
13	Working noise	≤ 90 decibel			
14	The inflator continuous working time	≥ 30 mins			
15	Inflator durability test	≥ 100 cycles			
16	Inflator dimensions (mm)	150×150×58			
17	Inflator weight (kg)	0.72kg			
18	Tire sealant Volume	300mL			
19	Sealant expiration date	On-board condition 5 years			
20	Tire sealant performance	Applicable Temp. Range			-30℃~70℃
21		Puncture Diameter			Fix the damaged nails which is $\leq \phi 6$ mm
22	Bottle melting point	115℃ no boiling			
23	Bottle freezing point	-70℃ no solidification			
24	Tire sealant weight (kg)	0.5kg			
25	Sealant bottle dimension(mm)	Φ89×138.5			