

Egoldvan Industry Co., Limited

Specification Sheet



| The name of project: | | KIT450 | | Draft Date: | | 2023.04.13 | | | | |
|-----------------------------|--|----------------------------------|--|----------------------------|--|------------|--|--|--|--|
| The name of product: | | Tire mobility kit | | Last revision date: | | | | | | |
| Part number: | | KIT450 | | Version: | | P01 | | | | |
| Design basis: | | Technical specifications | | | | | | | | |
| Number | Project | Specification value | Products' introduction&photos | | | | | | | |
| 1 | Tire mobility kit dimensions | 250mm×150mm×90mm | <p>1.The product is a miniature portable quick Tire mobility 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> <div style="text-align: center;"> </div> | | | | | | | |
| 2 | Tire mobility kit weight (kg) | 1.5kg | | | | | | | | |
| 3 | Working Voltage | DC9V-16V | | | | | | | | |
| 4 | Working current | $\leq 15A$ | | | | | | | | |
| 5 | Pressure automatically released pressure | $5\pm 0.5bar$ | | | | | | | | |
| 6 | Pressure gauge accuracy | $\pm 0.1bar$ | | | | | | | | |
| 7 | Nanometer Measurement | 0-6bar | | | | | | | | |
| 8 | Inflate 45L air tank (0-3.0bar) | $\leq 8min$ | | | | | | | | |
| 9 | Power Cord Range (Exserted) | 3060mm $\pm 50mm$ | | | | | | | | |
| 10 | Sealant hose Length | $\geq 500mm$ | | | | | | | | |
| 11 | Air hose length | $\geq 550mm$ | | | | | | | | |
| 12 | Core Valve Type | VG8 universal thread | | | | | | | | |
| 13 | Working noise | ≤ 90 decibel | | | | | | | | |
| 14 | The inflator continuous working time | $\geq 30mins$ | | | | | | | | |
| 15 | Inflator durability test | ≥ 100 cycles | | | | | | | | |
| 16 | Inflator dimensions (mm) | 150×150×58 | | | | | | | | |
| 17 | Inflator weight (kg) | 0.72kg | | | | | | | | |
| 18 | Tire sealant Volume | 450mL | | | | | | | | |
| 19 | Sealant expiration date | On-board condition 5 years | | | | | | | | |
| 20 | Tire sealant performance | Applicable Temp. Range | | | | | | $-30^{\circ}C \sim 70^{\circ}C$ | | |
| | | Puncture Diameter | | | | | | Fix the damaged nails which is $\leq \phi 6mm$ | | |
| 22 | Tire sealant melting point | 115 $^{\circ}C$ no boiling | | | | | | | | |
| 23 | Tire sealant freezing point | $-70^{\circ}C$ no solidification | | | | | | | | |
| 24 | Tire mobility kit weight (kg) | 0.65kg | | | | | | | | |
| 25 | Tire sealant tank dimension(mm) | $\phi 89 \times 138.5$ | | | | | | | | |