

<b>Yipin Technology (Huizhou) Co., Ltd.</b>		Document Number	RD-HZYP-010
<b>Technical Specifications</b>		Version	A.0
		Page	1/1
File Name	AP210 Dual-Purpose Air Pump Technical Specifications		

1. Product Name: Dual-Purpose Air Pump
2. Model: AP210
3. Performance Parameters:
  - 1) Press  and hold the button for 2 seconds to activate the low-pressure pump. Press again (short press or long press) to deactivate the low-pressure pump. The working indicator light is green during operation.
  - 2) Press  and hold the button for 2 seconds to activate the emergency lighting. Press again (short press or long press) to deactivate the lighting. The emergency light has a power of 0.5W, with a brightness of approximately 50-80 lumens.
  - 3) Press  and hold the button for 2 seconds to activate the high-pressure pump. Press again (short press or long press) to deactivate it. The working indicator light is green during operation.
  - 4) Battery Capacity: 3.7V / 3000mAh;
  - 5) Working Time: Low-pressure pump Mode 1 operates for approximately 60 minutes, Low-pressure pump Mode 2 operates for approximately 35 minutes, High-pressure pump operates for approximately 90 minutes, Emergency lighting duration (to be determined). The high-pressure pump and low-pressure pump cannot operate simultaneously.
  - 6) Low Battery Warning Function: When any button switch is turned on, the indicator light will flash red to remind when the battery level is approximately 20% remaining.
  - 7) Low Battery Protection Function: The device will automatically stop working when the battery level drops below 3.0V. The indicator light will flash for 5 seconds and then turn off. At this point, charging is required to wake up the machine and resume normal operation.
  - 8) Charging Indicator Function: The charging status indicator light is solid red, and when fully charged, it changes to a solid green light.
  - 9) Charging Time: Approximately 2-3 hours
  - 10) Low-pressure pump Maximum Inflation Pressure: 4500pa / High-pressure pump: 120Kpa
  - 11) Low-pressure pump Maximum Airflow: 350 Liters per Minute / High-pressure pump: 8 Liters per Minute
  - 12) Maximum Power: 15 Watts
  - 13) Maximum Noise Level: 80-90dB
  - 14) Maximum Vacuum Level  $\leq$  -60Kpa
  - 15) Product Dimensions: 62x62x156mm
  - 16) Color Box Dimensions: 70x63x210mm
  - 17) Outer Carton Dimensions: 540x375x240mm (40PCS per carton)
  - 18) Individual Product Net Weight/Gross Weight: 0.289kg/0.389kg;  
Net Weight/Gross Weight per Carton: 11.56kg/16.56kg
4. Compliance with Design:
  - 1) ROHS Environmental
  - 2) GB/T 2423.8-1995 Free Fall
  - 3) CE EMC EU Conducted Emissions
  - 4) FCC US Conducted Emissions



Designer: Song Qilin

Check:

Approval: