

Yipin Technology (Huizhou) Co., Ltd.		Document Number	RD-HZYP-011
Technical Specifications		Version	A.0
		Page	1/1
File Name	AP211 Dual-Purpose Air Pump Technical Specifications		

1. Product Name: Dual-Purpose Air Pump
2. Model: AP211
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: 96x67x100mm
 - 16) Color Box Dimensions: 100x70x150mm
 - 17) Outer Carton Dimensions: 525x370x325mm (50PCS 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: