



Royale Air Carbon Fibre Powerchair
User Manual

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- If the AC input power is interrupted during battery charging, the process will stop. Charging will automatically resume once the power supply is restored.

EMI Compliance table (Table 1)

Table 1 – Emission

Phenomenon	Compliance	Electromagnetic environment
RF emissions	CISPR 11 Group 1, Class B	Home healthcare environment
Harmonic distortion	IEC61000-3-2 Class A	Home healthcare environment
Voltage fluctuations and flicker	IEC61000-3-3 Compliance	Home healthcare environment

EMS Compliance Table (Table 2-5)

Table 2 – Enclosure Port

Table 4 – Input a.c. power port

Phenomenon	Basic EMC standard	Immunity test levels
		Home healthcare environment
Electrical transients/burst fast	IEC 61000-4-4	±2kV 100kHz repetition frequency
Surges Line-to-line	IEC 61000-4-5	±0.5kV, ±1kV
Conducted disturbances induced by RF fields	IEC 61000-4-6	3V, 0.15MHz-80MHz 6V in ISM bands and amateur

3 Features

- Lightweight design for improved portability.
- Foldable and compact, facilitating storage and transport.
- Max user weight up to 130 kg for standard and 180 kg for heavy duty.
- Up to 16 km (32 km with an optional second battery) for standard and 12 km (24 km with an optional second battery) for heavy duty, range on a full charge, depending on conditions.
- Front armrest headlight for improved visibility.
- Ample storage - Rear backpack.



Independent Living Specialists

Unit 1, 12 Mars Road

Lane Cove West NSW 2066

1300 008 267 | ilsau.com.au

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