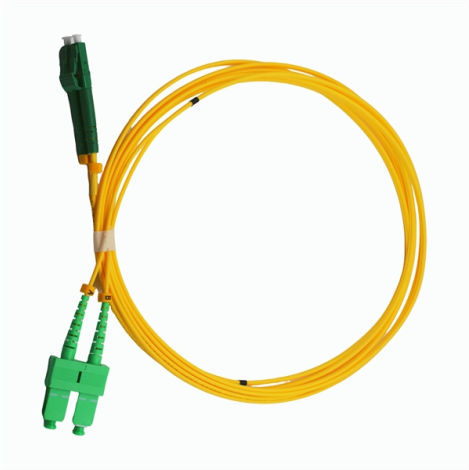
What types of electrical wiring are there in Botswana



Overview

Botswana In Botswana, the standard voltage is 230 volts and the frequency is 50 Hz. Botswana Power Cords | Botswana Power Cords and AC CablesBotswana power.

Key Takeaways

Botswana primarily uses Type D, G, and M electrical outlets with a standard voltage of 230V and a frequency of 50Hz.Plug Types
• Type D: Features three large round pins arranged in a triangular pattern, with a larger grounding pin and two smaller live/neutral pins. It is rated at 5A and is based on the old British BS 546 standard, commonly used for lower-power devices .

• Type G: Consists of three rectangular pins in a triangular configuration, with a built-in fuse and a longer earth pin. Rated at 13A, Type G is widely used in hotels and urban areas and is considered safer due to shuttered outlets .

• Type M: Similar to Type D but with larger pins, originally used for higher-current appliances (15A). It is now the official standard in Botswana and is commonly found in residential and commercial installations .
Voltage and Frequency

Botswana operates on a 230V supply voltage with a 50Hz frequency, which aligns with the electrical standards used in the UK, Europe, and many African countries . Devices from regions with 110-120V systems, such as North America, require a voltage converter in addition to a plug adapter .

Historical Context

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Botswana, as a former British colony, initially adopted pre-1950s UK standards, including Types D and M. Over time, Type M became the dominant standard, though Type D and Type G are still in use, reflecting the country's historical ties to British electrical systems .

Practical Considerations
• Travelers from countries with different plug types will need adapters to use their devices safely.

• Most modern electronics are dual-voltage (100-240V), so a voltage converter may not be necessary if the device supports 230V .

• South African-style double sockets combining Type M and N may occasionally be encountered, but Type M remains the standard . Botswana's electrical infrastructure is reliable, and understanding these plug types and standards ensures safe and compatible use of appliances and electronics in the country.

Article Content

Botswana

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Botswana Voltage Standards and Power Plug Types

Botswana operates on a standard voltage of 230V and a frequency of 50Hz. The most commonly used plug types are D, G, and M.

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