

# Technical Datasheet

## SG100 Tesla Coil

Tesla coils use high voltage to produce impressive electrical sparks. MTFX Tesla coils can be permanently installed in science museums, theme parks, universities etc or hired with technicians either as a standalone system, inside a Faraday cage or as part of 'Cage of Death' or 'Lightning Man' stunts. The SG100 outputs 1,00,000 volts to produce lightning bolts up to 2.5 metres in length – aimed towards the second SG100 as they are supplied as a pair. This item cannot be dry-hired.



### Specifications:

Total assembled height: 213cm

Primary weight: 150kg

Secondary weight: 19kg

Toroid weight: 12kg

Total weight: 288kg

Shipping weight: 288kg

Power connector required:  
63A single phase

Voltage: 240V

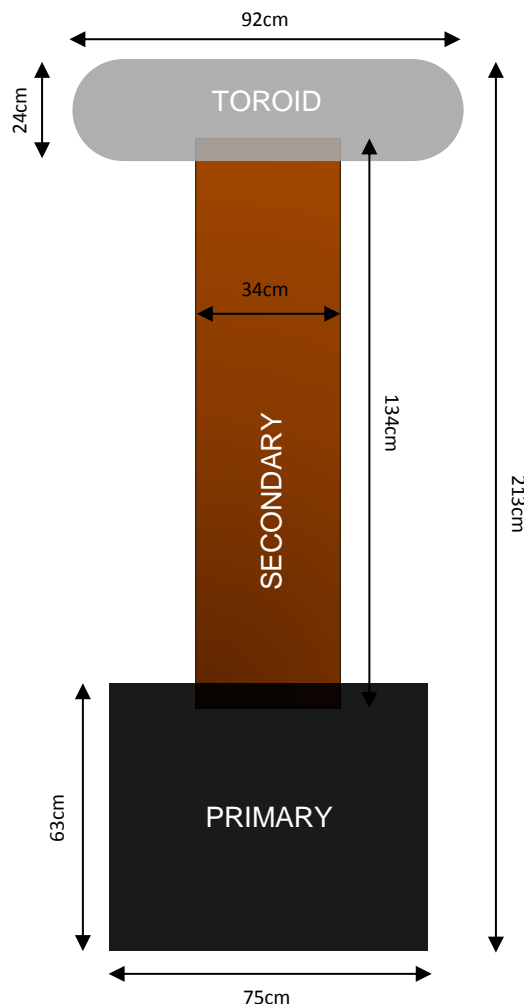
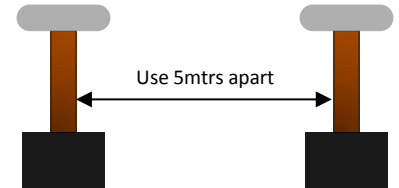
Amps drawn running:  
<60A

Safety zone required:  
8mtrs from each toroid

Suggested for set up:  
2 people

Duration of effect:  
10% duty cycle

Additional requirements:  
- Allow enough space for both primaries including the gap between them



[vimeo.com/123717353](https://vimeo.com/123717353)

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