



# Siemens SP90G

The **Siemens SP90G** is a German electric motor for powering electric aircraft, designed and produced by Siemens of Erlangen.<sup>[1]</sup>

SP90G	
Type	<u>Electric aircraft engine</u>
National origin	<u>Germany</u>
Manufacturer	<u>Siemens</u>

## Design and development

The SP90G is a brushless design producing 65 kW (87 hp), with an outrunner coil. The design uses a planetary gear mechanical gearbox reduction drive.<sup>[1]</sup>

## Specifications (SP90G)

*Data from Tacke*<sup>[1]</sup>

### General characteristics

- **Type:** Brushless electric aircraft engine
- **Length:** 180 mm (7.1 in)
- **Diameter:** 224 mm (8.8 in)
- **Dry weight:** 13 kg (28.7 lb)

### Components

- **Coil type:** Outrunner
- **Cooling system:** air
- **Reduction gear:** planetary gear mechanical gearbox

### Performance

- **Power output:** 65 kW (87 hp)
- **Voltage:** V nominal
- **Power-to-weight ratio:** 5.0 kW/kg

## See also

- Siemens SP260D

### Related lists

- List of aircraft engines

## References

---

1. Tacke, Willi; Marino Boric; et al: *World Directory of Light Aviation 2015-16*, pages 262-263. Flying Pages Europe SARL, 2015. ISSN 1368-485X (<https://www.worldcat.org/search?fq=x0:jrn1&q=n2:1368-485X>)
- 

Retrieved from "[https://en.wikipedia.org/w/index.php?title=Siemens\\_SP90G&oldid=1068064679](https://en.wikipedia.org/w/index.php?title=Siemens_SP90G&oldid=1068064679)"