Brushless Coreless Axial-Flux PM Motors / Generators

DISTINCTIVE FEATURES

- Axial magnetic field
- Twin-rotor sandwich design
- Power-to-weight up to 8 kW/kg
- Very low inductance
- Self-ventilation

- Coreless magnetic circuit
- Absolute coggingless
- Peak Power-to-weight up to 18 kW/kg
- Self-ventilation
- Liquid cooling option
DIMENSIONS & PERFORMANCES

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<tbody>
<tr>
<td>1</td>
<td>6,000</td>
<td>4x12.5=50</td>
<td>4x20=80</td>
<td>3</td>
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<tr>
<td>2</td>
<td>7,000</td>
<td>4x15=60</td>
<td>4x25=100</td>
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Note:
Above is just one of implementations of the generic design.
We make custom-tailored motors / generators/