

**BRAND INDIA ENGINEERING
E-CATALOGUE**

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Avant Garde Innovations Pvt Ltd

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Avant Garde Innovations Pvt Ltd is a pioneering cleantech start-up established with the aim of ending energy poverty especially in all carbon intensive economies through an exclusive focus on Green, Affordable and Innovative solutions. Avant Garde was selected, for the Small Wind Turbine it developed, as one of the Top 20 Cleantech Innovations in India for the 'Global Cleantech Innovation Programme (GCIP)', jointly organised by the United Nations Industrial Development Organisation (UNIDO), Cleantech Open USA (World's Largest Cleantech Accelerator -Silicon Valley), Global Environment Facility-GEF and Ministry of MSME, India. Avant Garde Innovations has already become the world's most popular and acclaimed Small Wind Turbine startup by receiving global recognitions and honour from the highest international authorities such as the United Nations, U.S White House and Rashtraphy Bhavan, India. Avant Garde is also the only Indian Small Wind Turbine company selected by the Government of India to be featured in its official 'Make in India' international media campaign telecasted globally by its channel partner CNN International.

[Products Description](#)

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AVATAR™ Small Wind Turbine

Technical Details	1kW 24/48V Wind Turbine
ITC HS Codes	850231, 84128030
Certification/ Standard	CE in process
Issuing Agency	CE
Date of Issue	08-01-2019
Date of Expiry	07-01-2022
End Use Sectors	B2C, B2B, B2G
Product Images	

A PHP Error was encountered

Severity: Warning

Message: file_get_contents(https://engineering-brands.com/uploads/product_images/1_1547240086_AVATAR™_-_Avant_Garde_Innovations™.PNG): failed to open stream: HTTP request failed! HTTP/1.1 400 Bad Request

Filename: controllers/catalogue.php

Line Number: 1935

data:image/PNG;base64," style="max-width: 400px; max-height: 400px;">

Sectors of Interest
Is OEM Supplier?
Is After Sales Service Provider?

Renewable Energy
Yes
Yes

Importance of niche products

Avant Garde has developed the award winning Gyroscopic Axial Flux Turbine and is launching a portfolio of varying capacities of 1 kW, 3 kW, 5 kW, and 10 kW Horizontal Axis and Vertical Axis turbines for residential clients and higher capacities for Commercial clients. The gearless, coreless, direct drive PMG technology has applications as a multi-purpose turbine and Avant Garde will be diversifying the product portfolio besides Wind Turbines into Hydro and Tidal turbines and develop Motor applications such as for Electric Vehicles.

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Potential market of niche products	Avant Garde has received product bookings from all continents and all major export markets. Avant Garde has also received Dealership applications from across the world thereby ensuring a very strong and wide spread global marketing network for AVATAR™ wind turbines. Avant Garde today has many upcoming large range of projects in Asia Pacific, Africa, Middle East, Africa, Europe and Americas.
Product Supply Record	U.S, France, Germany, U.K, Dubai, Nigeria, Australia.
Patented Technologies	Design Registration No:297855 and Trademarks.
Awards/Accolades	Avant Garde was selected as one of the Top 20 Cleantech Innovations in India for the 'Global Cleantech Innovation Programme (GCIP)', jointly organised by the United Nations Industrial Development Organisation (UNIDO), Cleantech Open USA (World's Largest Cleantech Accelerator -Silicon Valley), Global Environment Facility-GEF and Ministry of MSME, India. Avant Garde Innovations™ was showcased at the Rashtrapathy Bhavan on March 2016 as part of the annual Festival of Innovations held every year at the Indian Presidential Palace, New Delhi and inaugurated by the Hon'ble President of India. Avant Garde was later honoured to be one of the select few companies from across the world invited to be showcased at the prestigious 7th Clean Energy Ministerial (CEM7) held at Silicon Valley, San Francisco on June 2016. Avant Garde was the only Indian Clean Energy company which was invited to this internationally renowned clean energy event. The U.S White House, following this, also honoured Avant Garde by releasing an official White House Press Release on the new energy efficiency initiative of our start-up alongside top U.S firms such as Apple, Google, Facebook etc. In Nov 2016, Avant Garde Innovations™ was chosen as one of the Top 100 Global Startups at the NEWENERGY Global Startup Fest held at Astana. In 2017, the Entrepreneur India magazine chose the CEO of Avant Garde Innovations as one of the Top 25 Tech Entrepreneurs of India.