



DS-300 Specifications

Rotor Specifications

Blade Diameter	1.06m/1.245 m
Height (Including Stand)	1.46 m
Blade Number	3
Blades Material	Aluminum
Stand Material	SS400
Cut-in Wind Speed	<3 m/s
Rated Wind Speed	13m/s
Rated Speed	835 rpm
Cut-out Wind Speed	15.5m/s
Survival Wind Speed	60m/s
Weight (Including Stand)	27 kg

Generator Specifications

Generator Type	AC, 3 Phase Synchronous PMG
Rated Power	300 W

Wind Charge controller

MPPT, Over Speed Brake Control, Battery Charge	
Output Voltage	12 V DC
Output Current	< 20 Amp
Battery	12V, 200AH; Deep Cycle Silicon Battery, Gel Type

Braking System

Over Speed Braking Control	Automatic Short-Circuit Barking System
Manual Braking System	Optional

Operation Temperature

Ambient Temperature -10 ~ 40 °C

Ambient Humidity 95% Maximum

Specifications subject to change without notice

