



SD1

Rotor
 Type: Downwind, 360 ° free yawing
 Speed control: Self-regulating
 Blades: 3 Blades, passive coning and pitch control
 Rotor diameter: 2.5m
 Rated speed: 400 rpm @ 12m/s
 Rotor thrust: 3kN

Generator
 Type: Brushless permanent magnet, direct drive
 Output: Battery charging 24/48V
Head Weight
 80kgs

Towers
 Type: Self-supporting hinged monopole
 Hub height: 6m

Build Materials
 Frame: Galvanized steel grade S355J2, solid bar
 Blades: Glass Fibre Thermoplastic Composite
 Covers: UV Stabilised Polypropylene
 Shaft/Rotor: Thermal sprayed zinc and zinc rich power coated, steel grade S355.
 Towers: Galvanised S355 steel.



SD3

Rotor
 Type: Downwind, 360 ° free yawing
 Speed control: Self-regulating
 Blades: 3 Blades, passive coning and pitch control
 Rotor diameter: 3.9m
 Rated speed: 300 rpm @ 12m/s
 Rotor thrust: 3kN

Generator
 Type: Brushless permanent magnet, direct drive
 Output: Battery charging 24/48V Grid 300v
Head Weight
 345kgs

Towers
 Type: Self-supporting hinged monopole
 Hub height: 4, 6, 9m

Build Materials
 Frame: Galvanized steel grade S355J2, solid bar
 Blades: Glass Fibre Thermoplastic Composite
 Covers: UV Stabilised Polypropylene
 Shaft/Rotor: Thermal sprayed zinc and zinc rich power coated, steel grade S355.
 Towers: Galvanised S355 steel.