

ECOLINE 20' Wheel



System Product Model	Ecoline 20' Wheel
Total Weight (Tons)	13
Type of Container	20HQ x1
Solar Array Capacity (Pmax / kWp)	114.24
Type of Solar Module (W)	595 x192
String Inverter (kW)	100 x1
Bracket (Number of Module per Sheet)	2 x96
Total Unfolded Footprint (L*W*H/m)	103(34m*6rows)*2.38(3.0)*0.8(2.6)
Occupied Area of Whole System (m ²)	486 (34*2.38*6rows)
Complete Unfolding Time (mins)	100
Complete Folding Time (mins)	60
Installation Persons	4

Container

Type of Container	20HQ
External Dimensions (L*W*H/mm)	6058*2438*2591
Container Weight (Tons)	3.2
Container Doors	Two Sides

Inverter

Inverter Type	On Grid
Inverter Capacity (kW)	100

Max. PV Power (Pmax/Wp)	150000
Nominal AC Output Power (W)	100000
Maximum AC Output Power (W)	110000
Nominal AC Voltage (V)	3L/N/PE 220/380V, 230/400V
AC Grid Frequency Range (Hz)	50 / 60 (Optional)

Maximum Output Current (A)	166.7/159.4
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Dimensions (WxHxD/mm)	824*516*312.7
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Weight (kg)	81
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Operating Temperature Range (°C)	-25~65°C, >45°C derating
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Communication	RS485/RS232/Wifi/LAN
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Solar Panel

Solar Module Type	Topcon/HJT
Max.Power (Pmax/Wp)	595
Max. Power Voltage (Vm / V)	44.64
Max. Power Current (Im / A)	13.33
Open Circuit Voltage (Voc / V)	52.58
Short Circuit Current (Isc / A)	13.99
Product Dimensions (mm)	2278*1134*30
Weight (Kgs)	31.8

Quantity of Solar Modules (pcs)	192
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Bracket

Material of Bracket	Carbon Steel Q235B
Single Bracket Dimension (LxWxD/mm)	2378*2248*30
Angle of Unfolding Bracket (°)	±15
Length of Unfolding Bracket (m)	104
Occupied Area of Unfolding Bracket (m ²)	492
Quantity of Bracket (Page)	88

