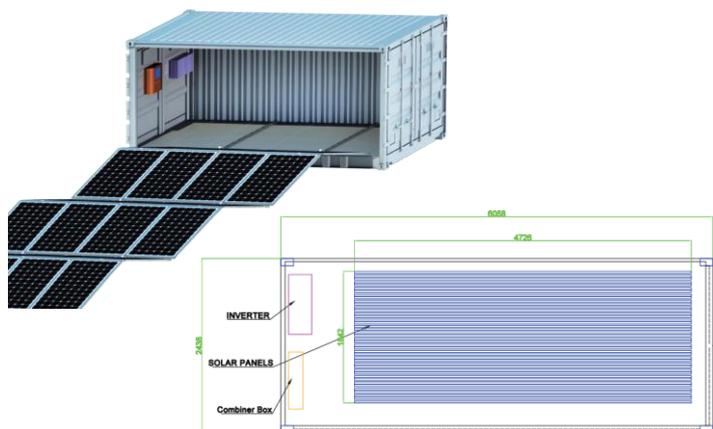


ECOLINE 20' Rail



System Product Model	Ecoline 20' Rail
Total Weight (Tons)	15
Type of Container	20HQx1
Solar Array Capacity (Pmax / kWp)	110.4
Type of Solar Module (W)	600x184
String Inverter (kW)	100x1
Bracket (Number of Module per Sheet)	4x46
Total Unfolded Footprint (L*W*H/m)	115*4.72(6.0)*0.9(2.9)
Occupied Area of Whole System (m ²)	690(115*6)
Complete Unfolding Time (mins)	120
Complete Folding Time (mins)	80
Installation Persons	4

Container

Type of Container	20HQ
External Dimensions (L*W*H/mm)	6058*2438*2896
Container Weight (Tons)	4
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)	50/45-55, 60/55-65
Maximum Output Current (A)	166.7/159.4
Dimensions (WxHxD/mm)	824x516x312.7
Weight (kg)	81
Operating Temperature Range (°C)	-25~60°C, >45°C derating
Communication	RS485/RS232/Wifi/LAN

Solar Panel

Solar Module Type	Topcon/HJT
Max.Power (Pmax/Wp)	600
Max. Power Voltage (Vm / V)	44.85
Max. Power Current (Im / A)	13.38
Open Circuit Voltage (Voc / V)	52.79
Short Circuit Current (Isc / A)	14.04
Product Dimensions (mm)	2278*1134*30
Weight (Kgs)	31.8
Quantity of Solar Module (pcs)	184

Bracket

Material of Bracket	Carbon Steel Q235B
Single Bracket Dimension (LxWxD/mm)	4726*2348*30
Angle of Unfolding Bracket (°)	±15 (10~20)
Length of Unfolding Bracket (m)	108
Occupied Area of Unfolding Bracket (m ²)	510(108*4.72)
Quantity of Bracket (Page)	46



Top View



Side View



Front View