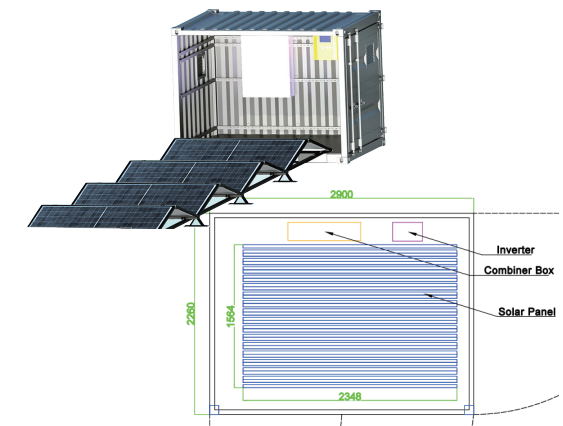
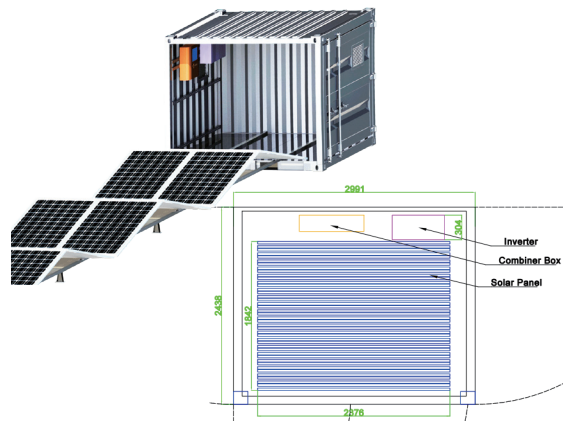


Power SPV —Solar PV Container (Rail Type)

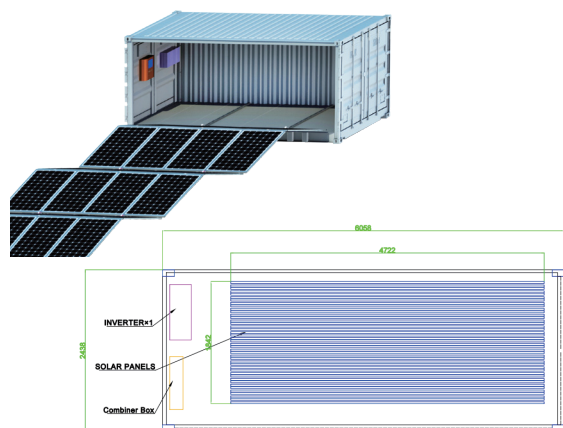
Parameter Configurations



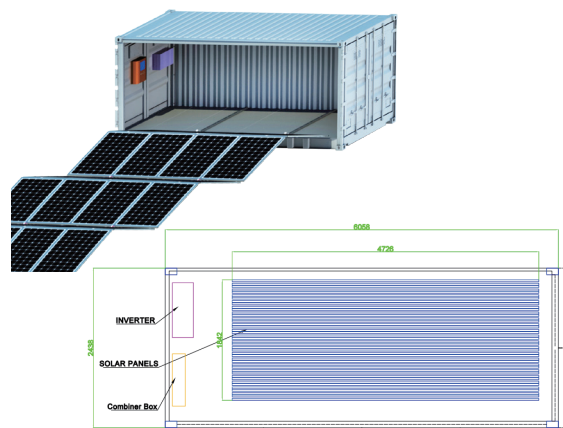
Whole System	System Product Model	SC08GP-M-20K
	Total Weight (Tons)	5
	Type of Container	8GPF x1
	Solar Array Capacity (Pmax / kWp)	20.23
	Type of Solar Module (W)	595x34
	String Inverter (kW)	20x1
	Bracket (Number of Module per Sheet)	1x34
	Total Unfolded Footprint (L*W*H/m)	46*2.3(2.4)*0.6(2.2)
	Occupied Area of Whole System (m²)	112.4 (46*2.43)
	Complete Unfolding Time (mins)	60
	Complete Folding Time (mins)	50
	Installation Persons	4



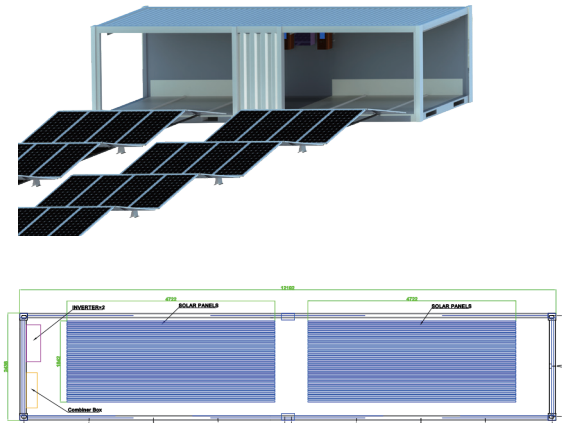
Whole System	System Product Model	SC10GP-M-40K
	Total Weight (Tons)	8
	Type of Container	10GPx1
	Solar Array Capacity (Pmax / kWp)	42.24
	Type of Solar Module (W)	480x88
	String Inverter (kW)	40x1
	Bracket (Number of Module per Sheet)	2x44
	Total Unfolded Footprint (L*W*H/m)	88*2.38(3.0)*0.8(2.6)
	Occupied Area of Whole System (m²)	276.3 (92.4*2.99)
	Complete Unfolding Time (mins)	80
	Complete Folding Time (mins)	60
	Installation Persons	4



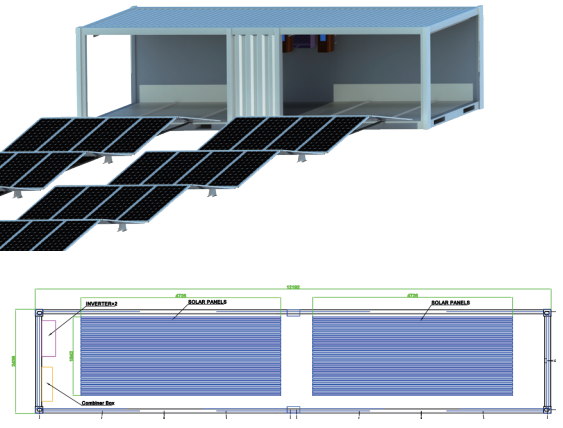
Whole System	System Product Model	SC20GP-M-80K
	Total Weight (Tons)	12.5
	Type of Container	20GPx1
	Solar Array Capacity (Pmax / kWp)	84.48
	Type of Solar Module (W)	480x176
	String Inverter (kW)	100x1
	Bracket (Number of Module per Sheet)	4 x44
	Total Unfolded Footprint (L*W*H/m)	93*4.7(6.0)*0.8(2.6)
	Occupied Area of Whole System (m²)	558(93*6)
	Complete Unfolding Time (mins)	120
	Complete Folding Time (mins)	80
	Installation Persons	4



Whole System	System Product Model	SC20HQ-M-100K
	Total Weight (Tons)	15
	Type of Container	20HQx1
	Solar Array Capacity (Pmax / kWp)	104.72
	Type of Solar Module (W)	595x176
	String Inverter (kW)	100x1
	Bracket (Number of Module per Sheet)	4x44
	Total Unfolded Footprint (L*W*H/m)	104*4.71(6.0)*0.9(2.9)
	Occupied Area of Whole System (m²)	650.4(108.4*6)
	Complete Unfolding Time (mins)	120
	Complete Folding Time (mins)	80
	Installation Persons	4



Whole System	System Product Model	SC40GP-M-160K
	Total Weight (Tons)	25
	Type of Container	40HQ x1
	Solar Array Capacity (Pmax / kWp)	168.96
	Type of Solar Module (W)	480x352
	String Inverter (kW)	80x2
	Bracket (Number of Module per Sheet)	4x88
	Total Unfolded Footprint (L*W*H/m)	93*10.5(12.0)*0.8(2.9)
	Occupied Area of Whole System (m²)	1108 (93*12)
	Complete Unfolding Time (mins)	180
	Complete Folding Time (mins)	120
	Installation Persons	6



Whole System	System Product Model	SC40HQ-M-200K
	Total Weight (Tons)	30
	Type of Container	40HQPx1
	Solar Array Capacity (Pmax / kWp)	209.44
	Type of Solar Module (W)	595x352
	String Inverter (kW)	100x2
	Bracket (Number of Module per Sheet)	4x88
	Total Unfolded Footprint (L*W*H/m)	104*4.71(6.0)*0.9(2.9)
	Occupied Area of Whole System (m²)	1300(108.4*12)
	Complete Unfolding Time (mins)	180
	Complete Folding Time (mins)	120
	Installation Persons	6

Power SPV —Solar PV Container (Wheel Type)

Parameter Configurations



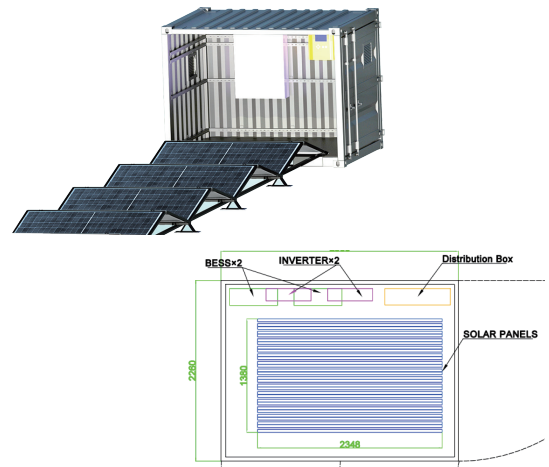
Whole System	System Product Model	SC10GP-M-40K-W
	Total Weight (Tons)	8.5
	Type of Container	10GP x1
	Solar Array Capacity (Pmax / kWp)	46.08 (46~50)
	Type of Solar Module (W)	480 x96 (480~520)
	String Inverter (kW)	40 x1
	Bracket (Number of Module per Sheet)	2 x48
	Total Unfolded Footprint (L*W*H/m)	103(34m*3rows)*2.38(3.0)*0.8(2.6)
	Occupied Area of Whole System (m²)	243 (34*2.38*3rows)
	Complete Unfolding Time (mins)	70
	Complete Folding Time (mins)	50
	Installation Persons	4



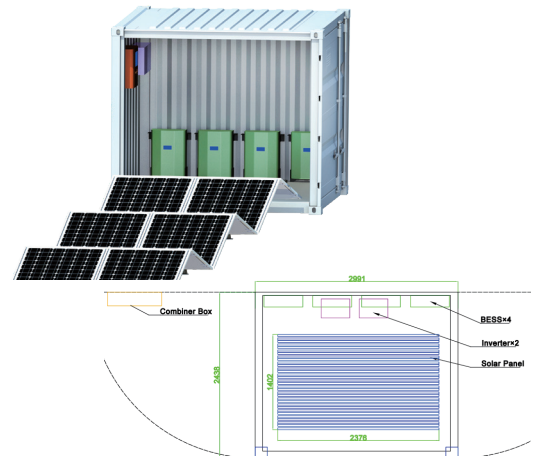
Whole System	System Product Model	SC20GP-M-80K-W
	Total Weight (Tons)	13
	Type of Container	20GP x1
	Solar Array Capacity (Pmax / kWp)	92.16 (90~105)
	Type of Solar Module (W)	480 x192 (480~520)
	String Inverter (kW)	80 x1
	Bracket (Number of Module per Sheet)	2 x96
	Total Unfolded Footprint (L*W*H/m)	103(34m*6rows)*2.38(3.0)*0.8(2.6)
	Occupied Area of Whole System (m²)	486 (34*2.38*6rows)
	Complete Unfolding Time (mins)	110
	Complete Folding Time (mins)	70
	Installation Persons	4

Power SES — Solar ESS Container (Rail Type)

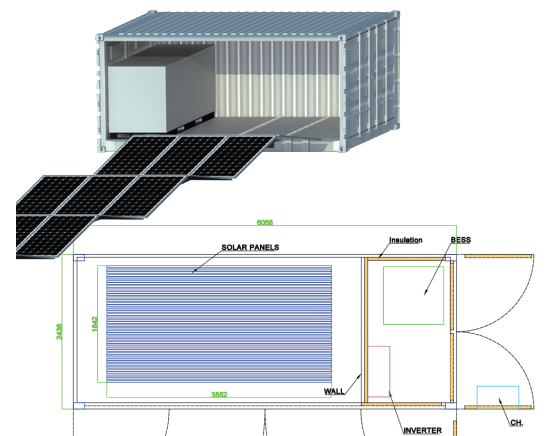
Parameter Configurations



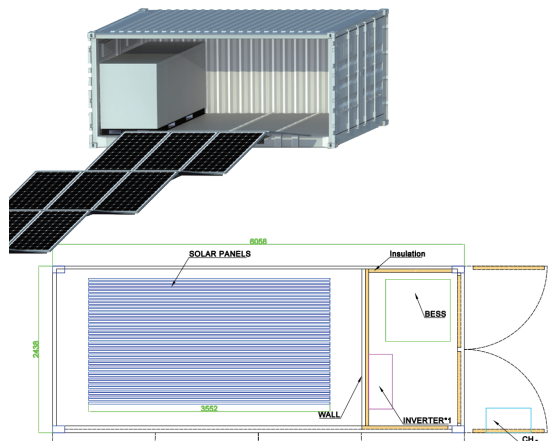
Whole System	System Product Model	SC08GP-M-18K20
	Total Weight (Tons)	4.8
	Solar Array Capacity (Pmax / kWp)	17.85
	Type of Solar Module (W)	595x30
	String Inverter (kW)	12x2
	Bracket (Number of Module per Sheet)	1x30
	Lithium Battery Storage (kWh)	10.24x2
	Diesel Generator (KVA) (Optional)	5.5x1
	Total Unfolded Footprint (L*W*H/m)	41*2.3(2.9)*0.6(2.2)
	Occupied Area of Whole System (m²)	120(41.26*2.9)
	Complete Unfolding Time (mins)	60
	Complete Folding Time (mins)	50
	Installation Persons	4



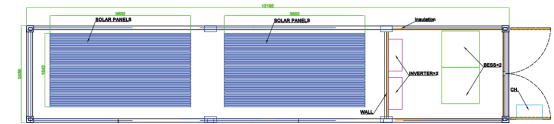
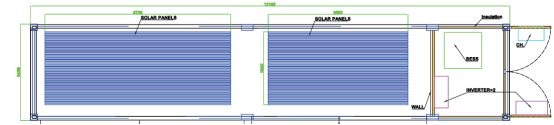
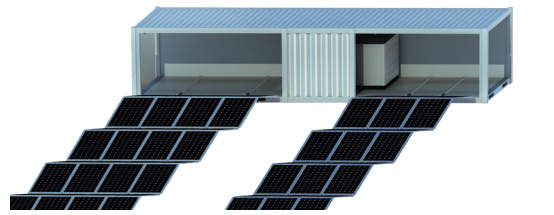
Whole System	System Product Model	SC10GP-M-30K40
	Total Weight (Tons)	7
	Solar Array Capacity (Pmax / kWp)	30.72
	Type of Solar Module (W)	480x64
	String Inverter (kW)	12x2
	Bracket (Number of Module per Sheet)	2x32
	Lithium Battery Storage (kWh)	10.24x4
	Diesel Generator (KVA) (Optional)	5.5x1
	Total Unfolded Footprint (L*W*H/m)	69*2.38(3.0)*0.8(2.6)
	Occupied Area of Whole System (m²)	163 (69*2.38)
	Complete Unfolding Time (mins)	80
	Complete Folding Time (mins)	60
	Installation Persons	4



Whole System	System Product Model	SC20GP-M-60K215
	Total Weight (Tons)	13
	Solar Array Capacity (Pmax / kWp)	63.36
	Type of Solar Module (W)	480x132
	String Inverter (kW)	50x1
	Bracket (Number of Module per Sheet)	3x44
	Lithium Battery Storage (kWh)	229x1
	Diesel Generator (KVA) (Optional)	13.8x1
	Total Unfolded Footprint (L*W*H/m)	93*2.4(6.0)*0.8(2.6)
	Occupied Area of Whole System (m²)	558 (93*6)
	Complete Unfolding Time (mins)	120
	Complete Folding Time (mins)	80
	Installation Persons	4



Whole System	System Product Model	SC20HQ-M-75K215
	Total Weight (Tons)	15
	Solar Array Capacity (Pmax / kWp)	78.54
	Type of Solar Module (W)	595x132
	String Inverter (kW)	60/100x1
	Bracket (Number of Module per Sheet)	3x44
	Lithium Battery Storage (kWh)	229x1
	Diesel Generator (KVA) (Optional)	13.8x1
	Total Unfolded Footprint (L*W*H/m)	108*3.55(6.0)*0.9(2.9)
	Occupied Area of Whole System (m²)	648 (108*6)
	Complete Unfolding Time (mins)	120
	Complete Folding Time (mins)	80
	Installation Persons	4



Whole System	System Product Model	SC40GP-M-140K215
	Total Weight (Tons)	26
	Solar Array Capacity (Pmax / kWp)	148
	Type of Solar Module (W)	480 x(176+132)
	String Inverter (kW)	60*2/100 x1
	Bracket (Number of Module per Sheet)	(4+3)x44
	Lithium Battery Storage (kWh)	229x1
	Diesel Generator (KVA) (Optional)	13.8x1
	Total Unfolded Footprint (L*W*H/m)	93*9.3(12.0)*0.8(2.6)
	Occupied Area of Whole System (m²)	1116 (93*12)

Whole System	System Product Model	SC40HQ-M-150K430
	Total Weight (Tons)	31.5
	Solar Array Capacity (Pmax / kWp)	157.08
	Type of Solar Module (W)	595x(132+132)
	String Inverter (kW)	60/100x2
	Bracket (Number of Module per Sheet)	(3+3)x44
	Lithium Battery Storage (kWh)	229x2
	Diesel Generator (KVA) (Optional)	13.8x1
	Total Unfolded Footprint (L*W*H/m)	108*8(12.0)*0.9(3.1)
	Occupied Area of Whole System (m²)	1300 (108*12)

Application Scenario



农业和水利

Agriculture and watermanagment

Additional solar power supply for self-consumption to support existing generators



偏远充电站

Remote charging stations

Powering temporary off-grid charging stations



工地和工业区

Construction sites and industrial areas

Additional source of power forlarge and small construction sites



救援和救灾

Emergency areas

Provision of off-grid remote areas



活动现场

Events and happenings

Venues without a grid connection or to cover large peak loads.



企业自用

Energy companies

Support weak public network in time of increased energy consumption



社区和难民区

Communities and refugee villages

Solar power supply for self consumption with excess feed-in into the local grid



采矿和军事

Mining and military application

Island power plant for grid independent solar power supply in combination with energy storage

Case Sharing



① Transportation by Truck



② Hoisting in Position



③ Open & Assembly



④ Unfold Solar PV Array



⑤ Cable Installation



⑥ Final Operation



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Q-SUNsolar

Power BOX Series

Version:2025 V1.0

Power SPV

Power SES



Borderland



Island



Desert



Disaster Area



Construction Site