

MP08GP24KW

AMPORA TECH SOLAR POWER CONTAINER

Modular Scalable

Easy expand only with 4 workers

Mobile Flexible

Fast relocation standard container

Pre-wired Quick Setup

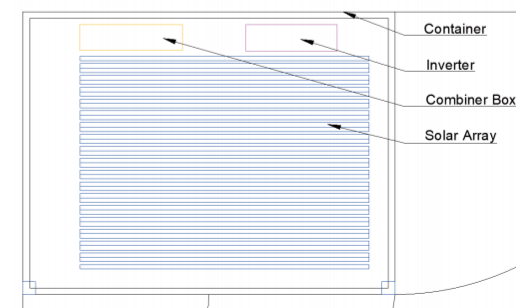
Full installation in 1 day

Hybrid

Integrates PV system can connect with storage and diesel generators



Model		MP08GP24KW
Container	Type of Container	08GP
	External Dimensions (L*W*H/mm)	2900*2260*2200
Solar Panel	Solar Module Type	Topcon
	Max.Power (Pmax/Wp)	650-670
	Product Dimensions (mm)	2382*1134*30
	Quantity of Solar Module (pcs)	36
Bracket	Angle of Unfolding Bracket (°)	±15(10~20)
	Quantity of Bracket (Page)	36
	Overall expanded dimensions (L*W*H/m)	44.8*2*0.65
DC cable	preinstallation	PV1-F1*4



MP10HQ58KW

AMPORA TECH SOLAR POWER CONTAINER

Modular Scalable

Easy expand only with 4 workers

Mobile Flexible

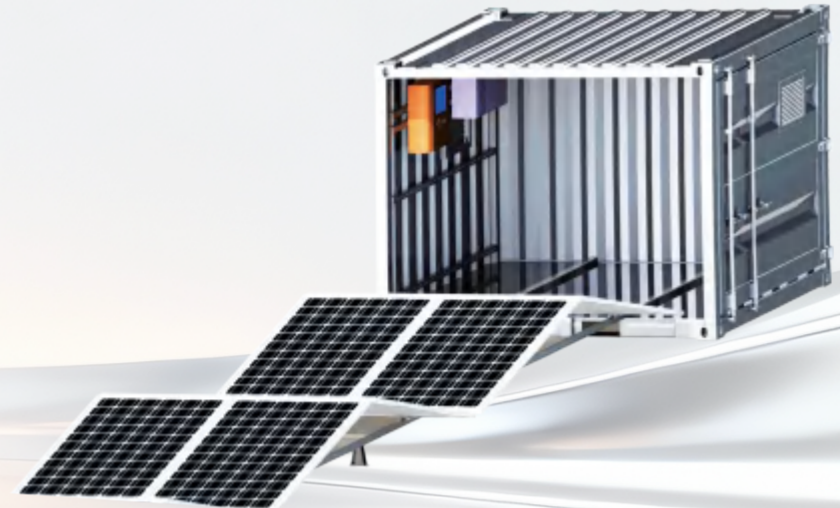
Fast relocation standard container

Pre-wired Quick Setup

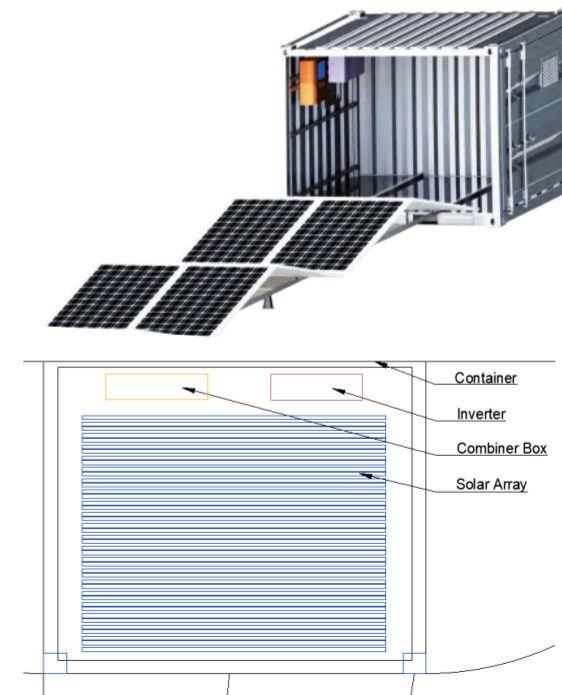
Full installation in 1 day

Hybrid

Integrates PV system can connect with storage and diesel generators



Model		MP10HQ58KW
Container	Type of Container	10HQ
	External Dimensions (L*W*H/mm)	2991*2438*2896
Solar Panel	Solar Module Type	Topcon
	Max.Power (Pmax/Wp)	650-670
	Product Dimensions (mm)	2382*1134*30
	Quantity of Solar Module (pcs)	92
Bracket	Angle of Unfolding Bracket (°)	±15(10~20)
	Quantity of Bracket (Page)	46
	Overall expanded dimensions (L*W*H/m)	110.4*2.4*1.1
DC cable	preinstallation	PV1-F1*4



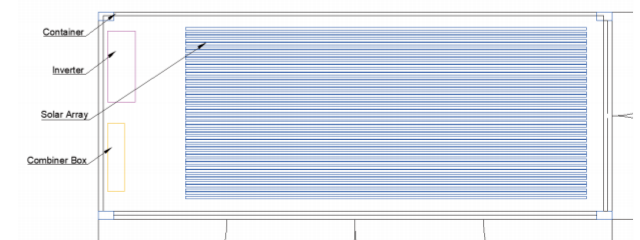
MP20HQ120KW

AMPORA TECH SOLAR POWER CONTAINER

Movable Flexible and easy to move	All in one All components in one container	Plug & play Easy to Modular install	Renewable Sustainable clean energy
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Model		MP20HQ120KW
Container	Type of Container	20HQ
	External Dimensions (L*W*H/mm)	6058*2438*2896
Solar Panel	Solar Module Type	Topcon
	Max.Power (Pmax/Wp)	650-670
	Product Dimensions (mm)	2384*1134*30
	Quantity of Solar Module (pcs)	184
Inverter (optional)	Inverter Type	On-Grid\Hybrid
Bracket	Angle of Unfolding Bracket (°)	±15 (10~20)
	Quantity of Bracket (Page)	46
	Overall expanded dimensions (L*W*H/m)	115*6*1.3
DC cable	preinstallation	PV1-F 1*4



MP40HQ240KW

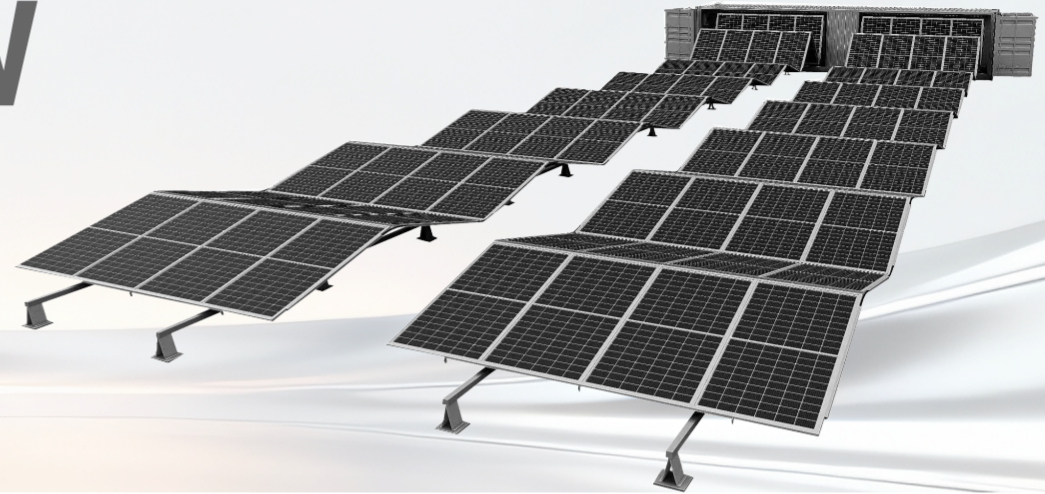
AMPORA TECH SOLAR POWER CONTAINER

Movable
Flexible and
easy to move

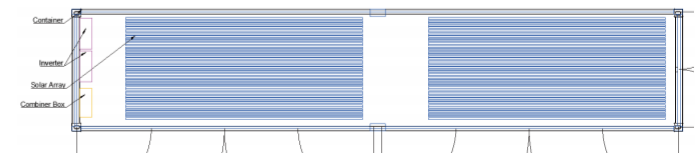
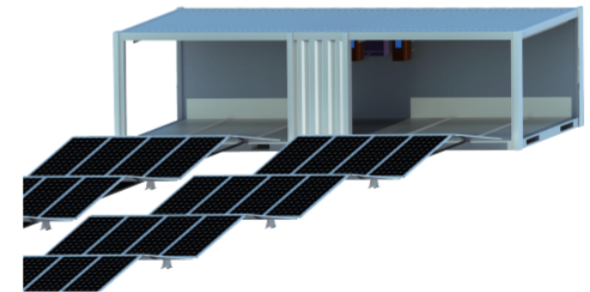
All in one
All components
in one container

Plug & play
Easy to
Modular install

Renewable
Sustainable
clean energy



Model		MP40HQ240KW
Container	Type of Container	40HQ
	External Dimensions (L*W*H/mm)	12192*2438*3100
Solar Panel	Solar Module Type	Topcon
	Max.Power (Pmax/Wp)	650-670
	Product Dimensions (mm)	2384*1134*30
	Quantity of Solar Module (pcs)	368
Inverter (optional)	Inverter Type	On-Grid\Hybrid
Bracket	Angle of Unfolding Bracket (°)	±15 (10~20)
	Quantity of Bracket (Page)	92
	Overall expanded dimensions (L*W*H/m)	115*12.2*1.3
DC cable	preinstallation	PV1-F 1*4



MP20HQ110KW/241KWH

SOLAR-STORAGE INTEGRATED CONTAINER



Modular Scalable

Easy expand only with 4 workers

Mobile Flexible

Fast relocation standard container

Pre-wired Quick Setup

Full installation in 1 day

Hybrid

Integrates PV system, can connect with storage, and diesel generators

Battery

Model	SKTESS241
Battery Type	LiFePO4
Battery Capacity(Ah)	314
Communication	CAN/RS485
Ingress Protection	IP20
Weight (kg)	1860(+10)
Dimension(mm)	2054x1082x740

Inverter

Module Type	SSE-HH60K-P3EU
Inverter Type	Hybrid
Quantity of inverters (sets)	1
Nominal AC voltage(V)	380/400Va.c.,3W+N+PE
AC grid frequency range(Hz)	50 / 60 (Optional)
Operating temperature range(°C)	-25°C ~ +60°C (Linely derating to 60% when exceed +45°C ~ +60°C)
Communication	RS485 / Wi Fi / CAN / DRM (Optional: Bluetooth / LAN / Meter)

Container

Type of Container	20HQ
External Dimensions (L×W×H/mm)	6058x2438x2896
Container Weight (Tons)	3.5

Package

Package Products Model	MP20HQ110KW/241kwh
Solar Array Capacity (Pmax / kWp)	110
Total Weight (Tons)	16
Unfolded Footprint (L×W×H/m)	110.4*4.7*1.1

Solar Panel

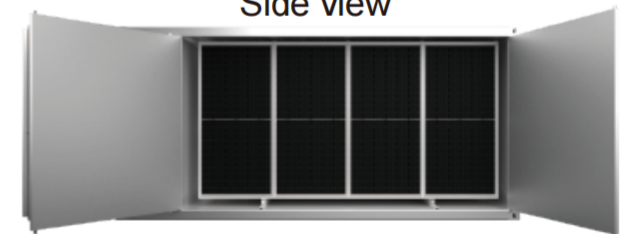
Module Type	SKT625M12-132D5
Product Dimensions(mm)	2382x1134x30
Weight(Kg)	28.5
Quantity of solar panels (pcs))	176

Bracket

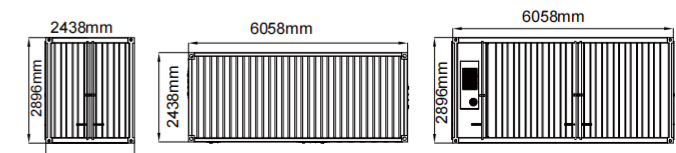
Material	aluminum alloy
Single Bracket Dimension (mm)	4686x2442x30
Number of single frame installation panels	4
Quantity of bracket (page)	44



Side view



Front view



MP20HQ78KW/128KWH

PV+BESS+DG ALLIN ONE CONTAINER



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Pre-wired Quick Setup

Full installation in 1 day

Hybrid

Integrates PV system, can connect with storage, and diesel generators

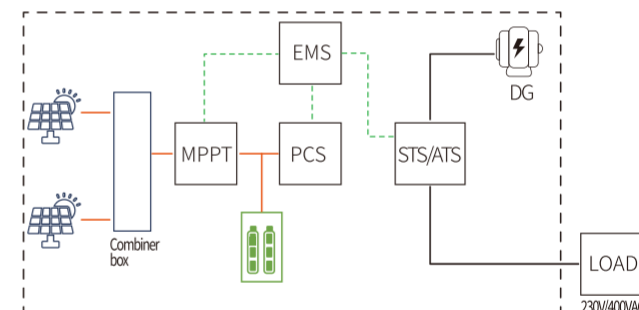
System parameter	
Model	MP78-60
PV capacity	78kWp
Inverter power	60kW
Battery capacity	128kWh
DG power	75kVA

Foldable PV parameter	
PV module size	2382*1134*30mm
PV module Weight	28.5kg
PV module Number	120pieces
PV module Pmax	650Wp
PV module Voc	53.9V
PV module Isc	15.29A
PV Brand	LONGI

General parameter	
Container Dimensions (W*D*H)	6058*2438*2896mm
Expanded size (W*L)	3800*8800mm
Weight (approx.)	20000kg

System parameter	
HRated AC Output Active Power	60kW
Max AC Output Apparent Power	66kVA
Peak Power(off-grid)	"1.1×Pr continuous operation; 1.1~1.25×Pr, 100s; 1.25~1.5×Pr, 300ms"
Rated AC Output Current	87A
Max AC Output Current	95.7A
Power Factor Adjustment Range	0.8 leading to 0.8 lagging
Rated Output Voltage/Range	230/400V 0.85Un-1.1Un
Rated Output Grid Frequency/Range(Hz)	50/45-55Hz, 60/55-65Hz
Grid Connection Form	3L+N+PE
Inverter Brand	

Diesel Generator	
Generator Brand	WEICHA
Generator Model	WPG66-16
Rated capacity(PRP)	75kW
Rated Power	60kW



BC Modules for Power Cabin Applications(Optional)

LR7-72HVD655W-690W

690W

Max Power Up to

25.5%

Efficiency Up to

≤1%

First-Year Degradation

≤0.35%

Annual Degradation (Y2-Y30)

Grade A+ Shade Resistance:

Over 90% of the module area maintains normal power generation under partial shading, with extremely low hot spot risk.

Ultra-high Conversion Efficiency (Core Advantage)

Zero Light Blocking Design: Both positive and negative electrodes are located on the rear side, with no grid lines on the front. This increases light absorption area by ~7% and short-circuit current by 7%.

Higher Lifecycle Energy Yield

Per-Watt Gain: 6.54% higher than PERC, 2.08% higher than TOPCon.

Technical Compatibility & Future Potential (Platform Technology)

Compatible with TOPCon & HJT, enabling TBC/HBC high-efficiency routes.
Ideal Bottom Cell for Tandem: Compatible with perovskite/silicon tandem structures, achieving a lab efficiency of 34.85%.

Superior Reliability & Risk Resistance

Grade A+ Shade Resistance: Over 90% of the module area maintains normal power generation under partial shading, with extremely low hot spot risk.

