

GRID INDEPENDENT
SOLAR-POWERED
COLD STORAGE

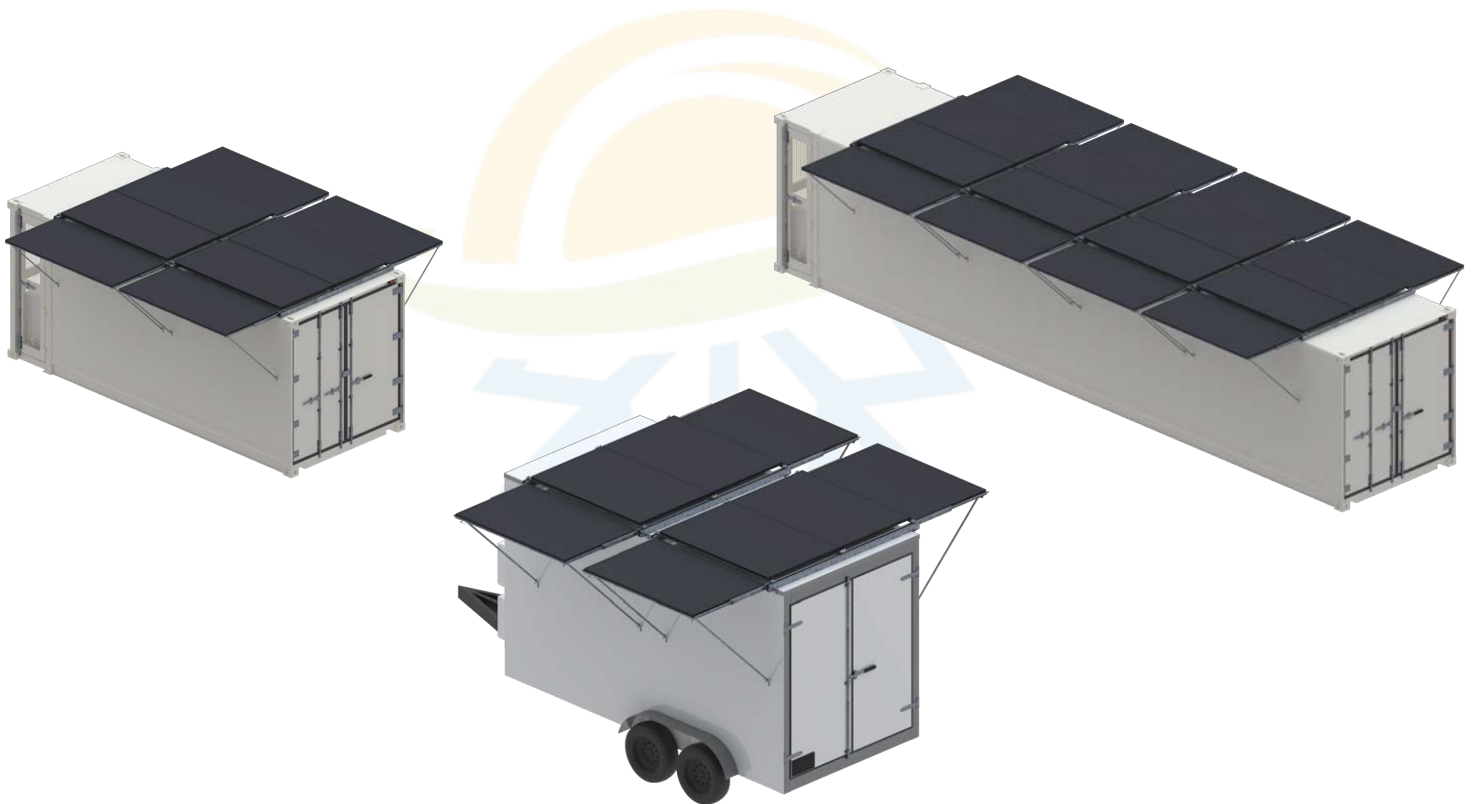


RADIANT

INNOVATION

PRODUCT CATALOG

2026



Phone: (720) 823-3457

Website: radiantinnovation.net

Email: info@radiantinnovation.net

Manufacturing: 2810 S Raritan St, Englewood, CO 80110

Specifications subject to change without notice



RADIANT
INNOVATION

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RADIANT

INNOVATION

PRODUCT IMAGES





GRID INDEPENDENT SOLAR-POWERED COLD STORAGE

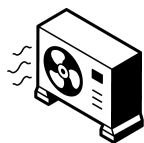


7x14 ft AM Cooler

AM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 8 Trailer

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 35 °F (Range: 0 °F to 50 °F)
Cooling Capacity	6.8 kBTUh ^a
Refrigerant	R-452A
Cold Storage Dimensions	13' 8" x 6' 3" x 7' 2" (L x W x H)
Composite R-Value	27.8
Shipping Dimensions	20' 8" x 8' x 9' (L x W x H)
Shipping Weight	4,590 lbs
Solar Array Dimensions	12' 10" x 15' 3" (L x W) ^b
Rated PV Power ⁺	3.5 kW ^c
Solar Panel Efficiency	22.6 %
Battery Energy Storage ⁺	16.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

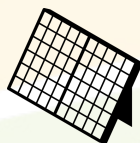
KEY FEATURES



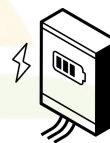
Transport
Refrigeration



Rapid
Portability



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 86 °F Ambient / 35.6 °F Box, 50% RH

^b Maximum shaded footprint when solar arrays are horizontal

^c Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

+ Baseline, can be customized for location/climate/application



RADIANT INNOVATION

3

GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



7x14 ft FM Cooler

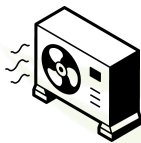
FM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 8 Trailer

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 35 °F (Range: 0 °F to 50 °F)
Cooling Capacity	6.8 kBTUh ^a
Refrigerant	R-452A
Cold Storage Dimensions	13' 8" x 6' 3" x 7' 2" (L x W x H)
Composite R-Value	27.8
Shipping Dimensions	20' 8" x 8' x 9' (L x W x H)
Shipping Weight	4,640 lbs
Solar Array Dimensions	12' 10" x 15' 3" (L x W) ^b
Rated PV Power ⁺	3.5 kW ^c
Solar Panel Efficiency	22.6 %
Battery Energy Storage ⁺	16.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



Remote Control
& Monitoring



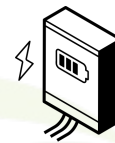
Transport
Refrigeration



Rapid
Portability



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 86 °F Ambient / 35.6 °F Box, 50% RH

^b Maximum shaded footprint when solar arrays are horizontal

^c Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

+ Baseline, can be customized for location/climate/application

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GRID INDEPENDENT SOLAR-POWERED COLD STORAGE

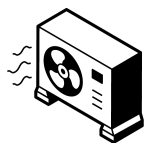


20 ft AM Cooler

AM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 35 °F (Range: 32 °F to 60 °F)
Cooling Capacity ⁺	8.8 kBTU/h ^a
Refrigerant	R-449A
Sound Data	55 dBA ^b
Cold Storage Dimensions	16' 5" x 7' 2" x 7' 4" (L x W x H)
Shipping Dimensions	19' 11" x 8' x 9' 6" (L x W x H)
Shipping Weight	8,570 lbs
Solar Array Dimensions	16' x 15' 3" (L x W) ^c
Rated PV Power ⁺	4.7 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	16.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



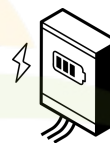
Commercial
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / 25 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE

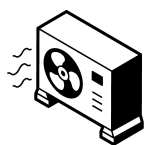


20 ft AM Freezer

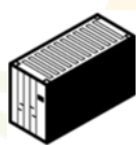
AM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	FREEZER
Cold Storage Temperature	Nominal 0 °F (Range: -5 °F to 60 °F)
Cooling Capacity ⁺	9.1 kBTUh ^a
Refrigerant	R-449A
Sound Data	53 dBa ^b
Cold Storage Dimensions	16' 5" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.9
Shipping Dimensions	19' 11" x 8' x 9' 6" (L x W x H)
Shipping Weight	9,180 lbs
Solar Array Dimensions	23' 3" x 15' 3" (L x W) ^c
Rated PV Power ⁺	5.9 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	32.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



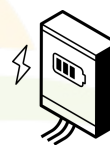
Commercial
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / -10 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

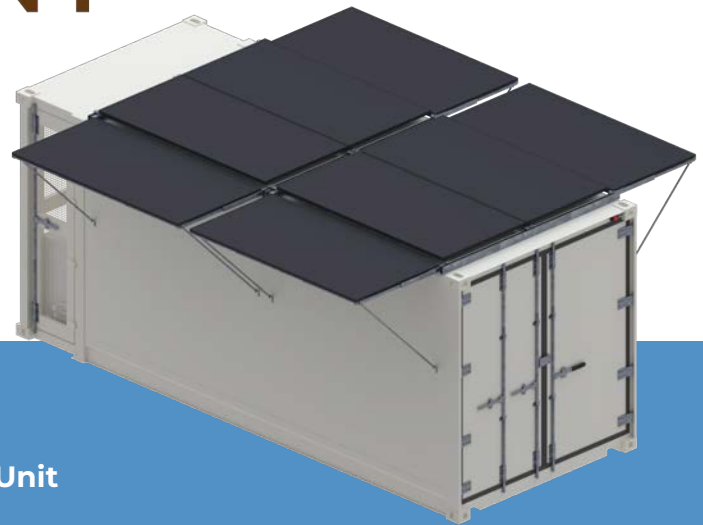
⁺ Baseline, can be customized for location/climate



RADIANT INNOVATION

6

GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



20 ft FM Cooler

FM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 35 °F (Range: 32 °F to 60 °F)
Cooling Capacity ⁺	8.8 kBTUh ^a
Refrigerant	R-449A
Sound Data	55 dBa ^b
Cold Storage Dimensions	16' 5" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.9
Shipping Dimensions	19' 11" x 8' x 9' 6" (L x W x H)
Shipping Weight	8,620 lbs
Solar Array Dimensions	15' 12" x 15' 3" (L x W) ^c
Rated PV Power ⁺	4.7 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	16.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



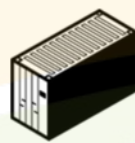
Remote Control
& Monitoring



Commercial
Refrigeration



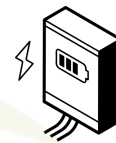
Heating &
Ventilation



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / 25 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate

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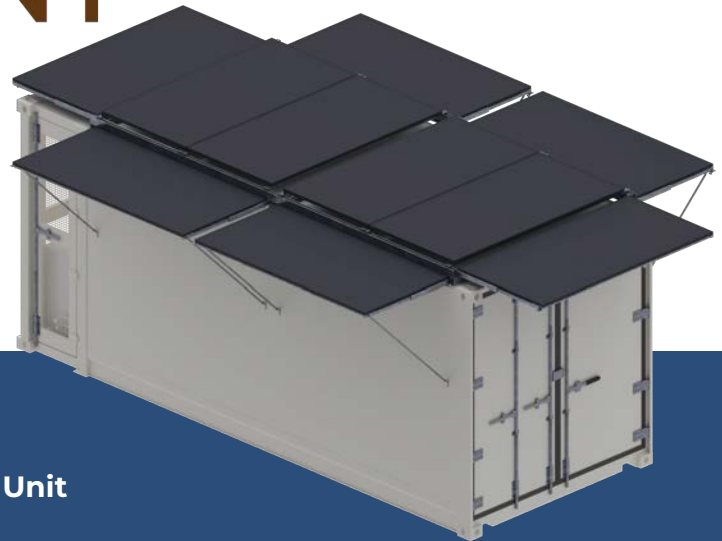
Specifications subject to change without notice; Rev C



RADIANT INNOVATION

7

GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



20 ft FM Freezer

FM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	FREEZER
Cold Storage Temperature	Nominal 0 °F (Range: -5 °F to 60 °F)
Cooling Capacity ⁺	9.1 kBTUh ^a
Refrigerant	R-449A
Sound Data	53 dBa ^b
Cold Storage Dimensions	16' 5" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.9
Shipping Dimensions	19' 11" x 8' x 9' 6" (L x W x H)
Shipping Weight	9,230 lbs
Solar Array Dimensions	23' 3" x 15' 3" (L x W) ^c
Rated PV Power ⁺	5.9 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	32.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

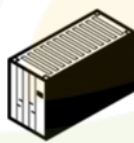
KEY FEATURES



Remote Control
& Monitoring



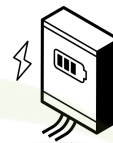
Commercial
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / -10 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate

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GRID INDEPENDENT SOLAR-POWERED COLD STORAGE

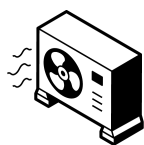


30 ft AM Cooler

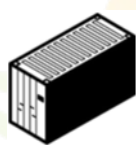
AM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 35 °F (Range: 32 °F to 60 °F)
Cooling Capacity ⁺	11.4 kBTUh ^a
Refrigerant	R-449A
Sound Data	55 dBa ^b
Cold Storage Dimensions	26' 6" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.8
Shipping Dimensions	29' 11" x 8' x 9' 6" (L x W x H)
Shipping Weight	12,450 lbs
Solar Array Dimensions	23' 11" x 15' 3" (L x W) ^c
Rated PV Power ⁺	7.1 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	32.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



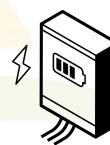
Commercial
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / 25 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

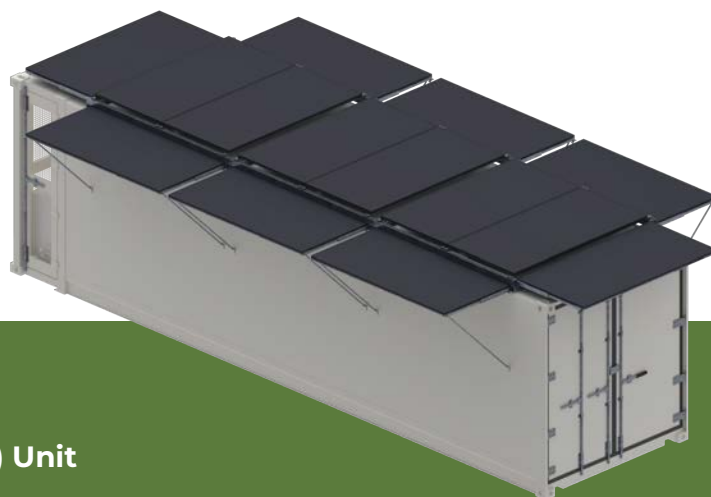
^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE

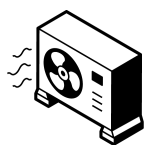


30 ft AM Freezer

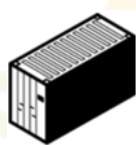
AM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	FREEZER
Cold Storage Temperature	Nominal 0 °F (Range: -5 °F to 60 °F)
Cooling Capacity ⁺	11.3 kBTUh ^a
Refrigerant	R-449A
Sound Data	53 dBa ^b
Cold Storage Dimensions	26' 6" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.8
Shipping Dimensions	29' 11" x 8' x 9' 6" (L x W x H)
Shipping Weight	13,130 lbs
Solar Array Dimensions	31' 3" x 15' 3" (L x W) ^c
Rated PV Power ⁺	8.3 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	48.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



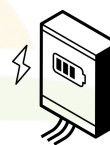
Commercial
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / -10 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

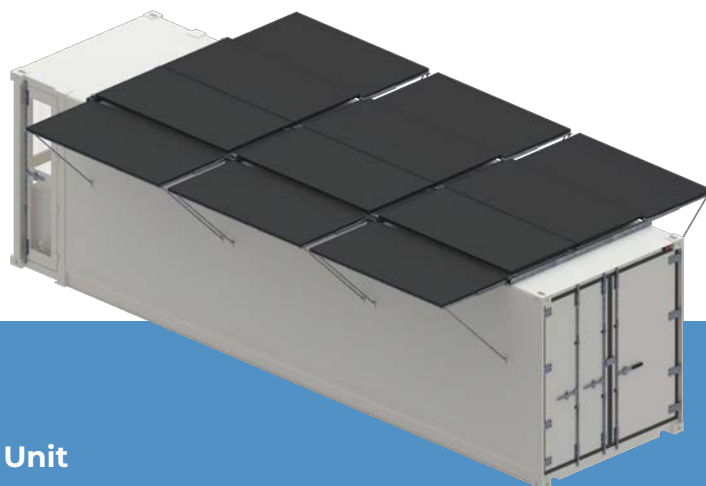
^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



30 ft FM Cooler

FM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 35 °F (Range: 32 °F to 60 °F)
Cooling Capacity ⁺	11.4 kBTUh ^a
Refrigerant	R-449A
Sound Data	55 dBa ^b
Cold Storage Dimensions	26' 6" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.8
Shipping Dimensions	29' 11" x 8' x 9' 6" (L x W x H)
Shipping Weight	12,500 lbs
Solar Array Dimensions	23' 11" x 15' 3" (L x W) ^c
Rated PV Power ⁺	7.1 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	32.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



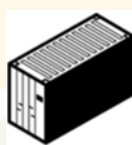
Remote Control
& Monitoring



Commercial
Refrigeration



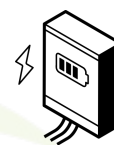
Heating &
Ventilation



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / 25 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

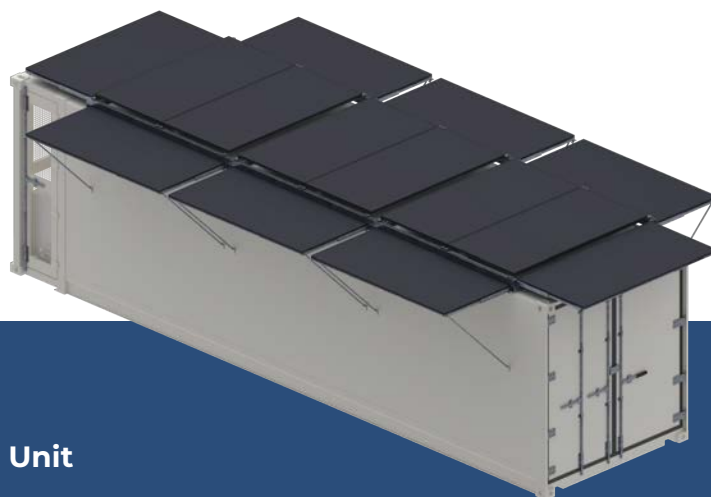
^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



30 ft FM Freezer

FM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	FREEZER
Cold Storage Temperature	Nominal 0 °F (Range: -5 °F to 60 °F)
Cooling Capacity ⁺	11.3 kBTUh ^a
Refrigerant	R-449A
Sound Data	53 dBa ^b
Cold Storage Dimensions	26' 6" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.8
Shipping Dimensions	29' 11" x 8' x 9' 6" (L x W x H)
Shipping Weight	13,180 lbs
Solar Array Dimensions	31' 3" x 15' 3" (L x W) ^c
Rated PV Power ⁺	8.3 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	48.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



Remote Control
& Monitoring



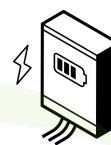
Commercial
Refrigeration



Large Storage
Space



High Efficiency
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Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / -10 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE

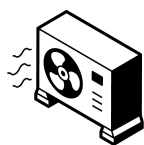


40 ft AM Cooler

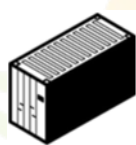
AM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 35 °F (Range: 32 °F to 60 °F)
Cooling Capacity ⁺	14.6 kBTUh ^a
Refrigerant	R-449A
Sound Data	55 dBa ^b
Cold Storage Dimensions	36' 7" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.8
Shipping Dimensions	40' x 8' x 9' 6" (L x W x H)
Shipping Weight	16,380 lbs
Solar Array Dimensions	31' 11" x 15' 3" (L x W) ^c
Rated PV Power ⁺	9.4 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	48.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

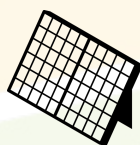
KEY FEATURES



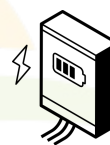
Commercial
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / 25 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

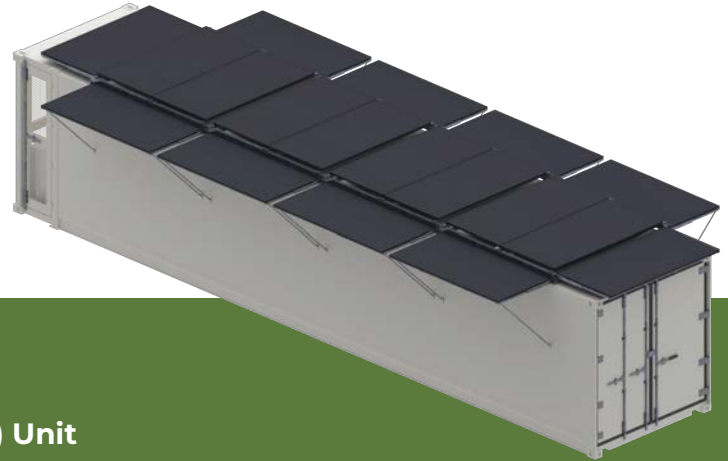
^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



40 ft AM Freezer

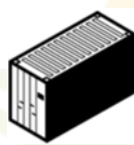
AM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	FREEZER
Cold Storage Temperature	Nominal 0 °F (Range: -5 °F to 60 °F)
Cooling Capacity ⁺	17.2 kBTUh ^a
Refrigerant	R-449A
Sound Data	53 dBa ^b
Cold Storage Dimensions	36' 7" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.8
Shipping Dimensions	40' x 8' x 9' 6" (L x W x H)
Shipping Weight	17,620 lbs
Solar Array Dimensions	39' 3" x 15' 3" (L x W) ^c
Rated PV Power ⁺	10.6 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	64.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

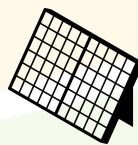
KEY FEATURES



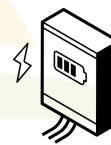
Commercial
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / -10 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

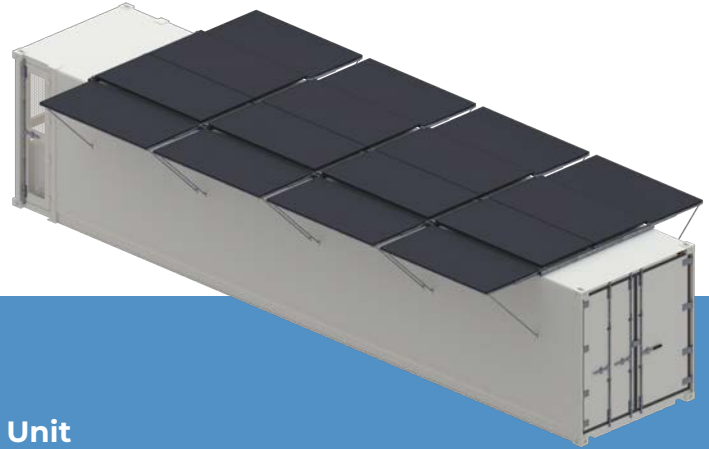
^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



40 ft FM Cooler

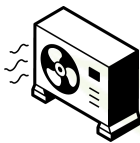
FM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 35 °F (Range: 32 °F to 60 °F)
Cooling Capacity ⁺	14.6 kBTUh ^a
Refrigerant	R-449A
Sound Data	55 dBa ^b
Cold Storage Dimensions	36' 7" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.8
Shipping Dimensions	40' x 8' x 9' 6" (L x W x H)
Shipping Weight	16,430 lbs
Solar Array Dimensions	31' 11" x 15' 3" (L x W) ^c
Rated PV Power ⁺	9.4 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	48.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



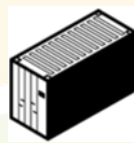
Remote Control
& Monitoring



Commercial
Refrigeration



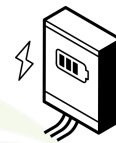
Heating &
Ventilation



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / 25 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

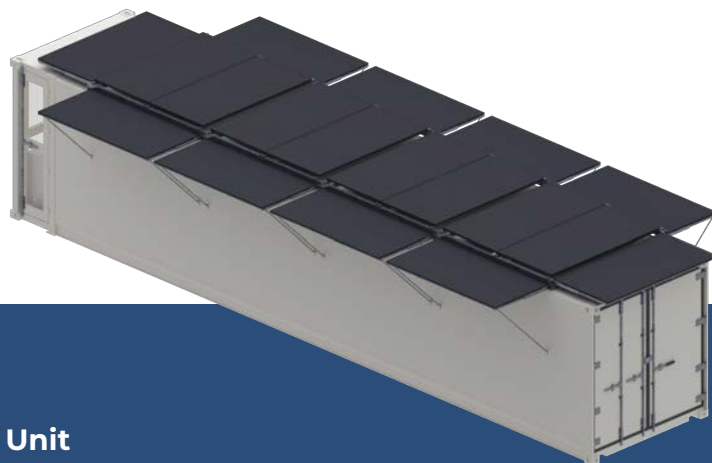
^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



40 ft FM Freezer

FM Series SPCS (Solar-Powered Cold Storage) Unit
Generation 7 Container

SPECIFICATIONS	FREEZER
Cold Storage Temperature	Nominal 0 °F (Range: -5 °F to 60 °F)
Cooling Capacity ⁺	17.2 kBTUh ^a
Refrigerant	R-449A
Sound Data	53 dBa ^b
Cold Storage Dimensions	36' 7" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	30.8
Shipping Dimensions	40' x 8' x 9' 6" (L x W x H)
Shipping Weight	17,670 lbs
Solar Array Dimensions	39' 3" x 15' 3" (L x W) ^c
Rated PV Power ⁺	10.6 kW ^d
Solar Panel Efficiency	23 %
Battery Energy Storage ⁺	64.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



Remote Control
& Monitoring



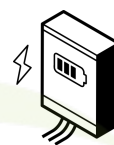
Commercial
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Test Conditions (TC): 95 °F Ambient / -10 °F SST, 65 °F return gas; 5 °F subcooling

^b Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

^c Maximum shaded footprint when solar arrays are horizontal

^d Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m², temperature 25 °C

⁺ Baseline, can be customized for location/climate



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



10 ft DIT Cooler

DIT Series SPCS (Solar-Powered Cold Storage) Unit
Generation 6 Container

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 39 °F (Range: 32 °F to 65 °F)
Refrigerant	R-32
Cold Storage Dimensions	8' 11" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	25.5
Shipping Dimensions	11' 3" x 8' x 8' 6" (L x W x H)
Shipping Weight	4,850 lbs
Solar Array Dimensions	11' 5" x 18' 7" (L x W) ^a
Rated PV Power	4.0 kW ^b
Solar Panel Efficiency	22.5%
Battery Energy Storage	11.8 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

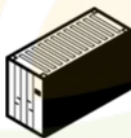
KEY FEATURES



On-Site Solar
Assembly



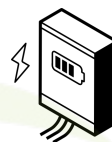
CoolBot®
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Maximum shaded footprint when solar arrays are horizontal

^b Test Conditions (TC): 95 °F Ambient / 25 °F SST, 65 °F return gas; 5 °F subcooling

Phone: (720) 823-3457

Website: radiantinnovation.net

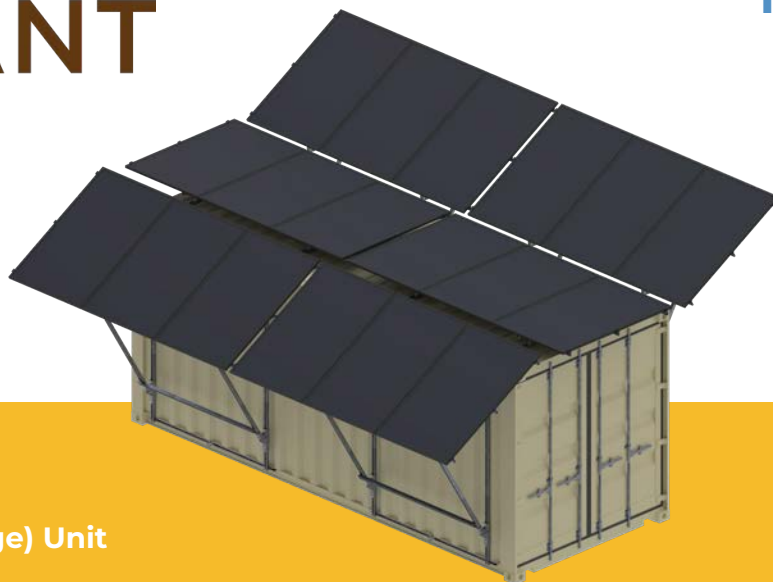
Email: info@radiantinnovation.net

Manufacturing: 2810 S Raritan St, Englewood, CO 80110

Specifications subject to change without notice; Rev B



GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



20 ft DIT Cooler

DIT Series SPCS (Solar-Powered Cold Storage) Unit
Generation 6 Container

SPECIFICATIONS	COOLER
Cold Storage Temperature	Nominal 39 °F (Range: 32 °F to 65 °F)
Refrigerant	R-32
Cold Storage Dimensions	18' 11" x 7' 2" x 7' 4" (L x W x H)
Composite R-Value	26.7
Shipping Dimensions	21' 4" x 8' x 8' 6" (L x W x H)
Shipping Weight	8,100 lbs
Solar Array Dimensions	22' 10" x 18' 7" (L x W) ^a
Rated PV Power	7.9 kW ^b
Solar Panel Efficiency	22.5%
Battery Energy Storage	16.0 kWh
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)

KEY FEATURES



On-Site Solar
Assembly



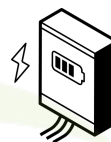
CoolBot®
Refrigeration



Large Storage
Space



High Efficiency
Solar Panels



Safe Battery
Energy Storage



Transformerless
Hybrid Inverter

^a Maximum shaded footprint when solar arrays are horizontal

^b Test Conditions (TC): 95 °F Ambient / 25 °F SST, 65 °F return gas; 5 °F subcooling