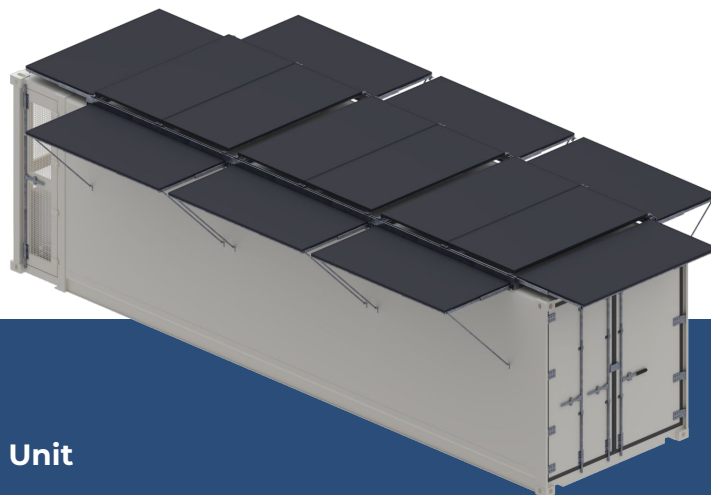




## GRID INDEPENDENT SOLAR-POWERED COLD STORAGE



## 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 <sup>+</sup>       | 11.3 kBTUh <sup>a</sup>                       |
| Refrigerant                         | R-449A                                        |
| Sound Data                          | 53 dBa <sup>b</sup>                           |
| 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) <sup>c</sup>          |
| Rated PV Power <sup>+</sup>         | 8.3 kW <sup>d</sup>                           |
| Solar Panel Efficiency              | 23 %                                          |
| Battery Energy Storage <sup>+</sup> | 48.0 kWh                                      |
| Battery Chemistry                   | Lithium Iron Phosphate (LiFePO <sub>4</sub> ) |

## KEY FEATURES



Remote Control  
& Monitoring



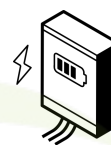
Commercial  
Refrigeration



Large Storage  
Space



High Efficiency  
Solar Panels



Safe Battery  
Energy Storage



Transformerless  
Hybrid Inverter

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

<sup>b</sup> Sound pressure values are 10 feet from the unit at operating temperatures and 90 °F ambient

<sup>c</sup> Maximum shaded footprint when solar arrays are horizontal

<sup>d</sup> Standard Test Conditions (STC): air mass AM1.5, irradiance 1000 W/m<sup>2</sup>, temperature 25 °C

<sup>+</sup> Baseline, can be customized for location/climate