



## GRID INDEPENDENT SOLAR-POWERED COLD STORAGE

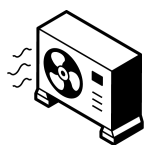
### 7x14 ft AM Cooler

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 <sup>a</sup>                        |
| 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) <sup>b</sup>         |
| Rated PV Power <sup>+</sup>         | 3.5 kW <sup>c</sup>                           |
| Solar Panel Efficiency              | 22.6 %                                        |
| Battery Energy Storage <sup>+</sup> | 16.0 kWh                                      |
| Battery Chemistry                   | Lithium Iron Phosphate (LiFePO <sub>4</sub> ) |

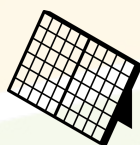
## KEY FEATURES



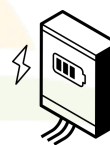
Transport  
Refrigeration



Rapid  
Portability



High Efficiency  
Solar Panels



Safe Battery  
Energy Storage



Transformerless  
Hybrid Inverter

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

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

<sup>c</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/application