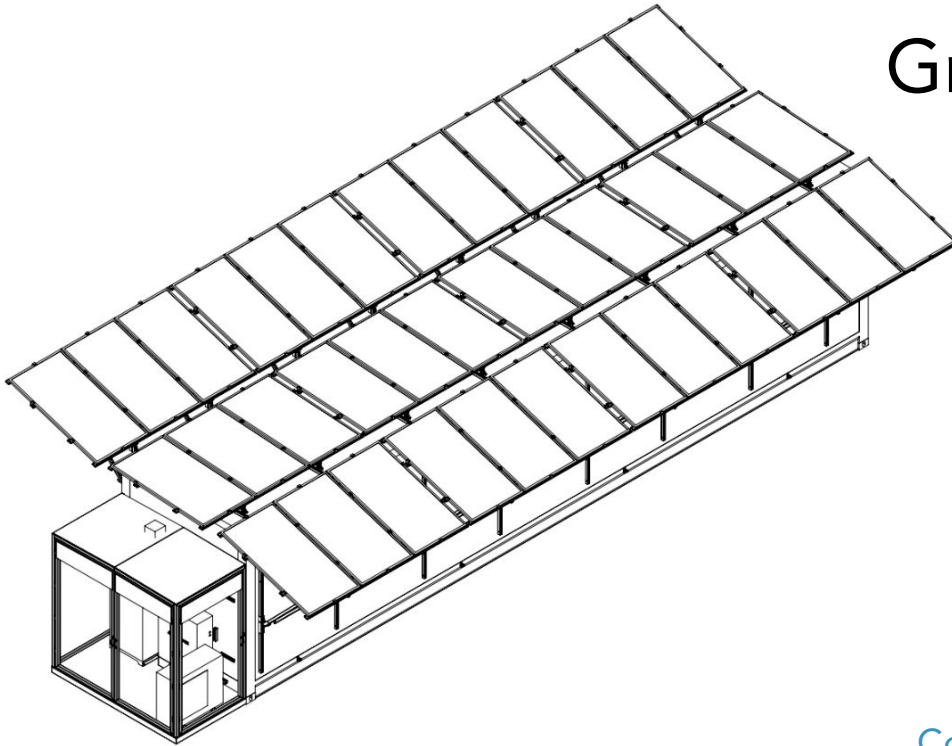






SPCS

Solar-Powered Cold Storage Unit

40 ft Cold Storage Series



Grid-Independent Solar-Powered Cold Storage

			Cooler (35 °F)	Freezer (0 °F)
Heterojunction Cell Technology		PV Production	14.4 kW ^a	14.4 kW ^a
Scroll Compressor		Cooling Capacity	18.8 kBTU/h ^b	22.9 kBTU/h ^c
LiFePO ₄ Battery Chemistry		Energy Storage	41 kWh ^d	61 kWh ^d
EasyWheel Aluminum Flooring		Cold Storage Space	278 ft ²	278 ft ²

Smart Features

- Remote monitoring and controls (option)
- Smart ventilation (Cooler option)
- Smart freeze-prevention (Cooler option)
- Video surveillance and security (option)
- Geographic adaptability from latitude 19°N to 41°N

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

^b Test Conditions (TC): 90°F Ambient / 25°F SST, 65°F return gas; 5°F subcooling; baseline, can be customized for location/climate

^c Test Conditions (TC): 90°F Ambient / -10°F SST, 65°F return gas; 5°F subcooling; baseline, can be customized for location/climate

^d Baseline, can be customized for location/climate