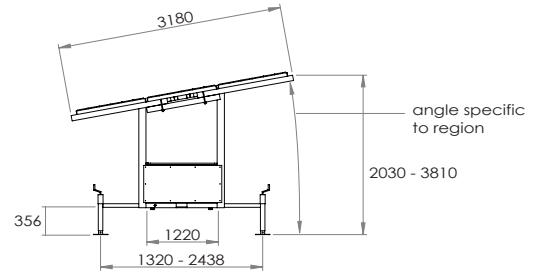
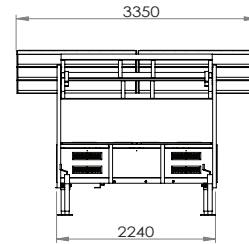
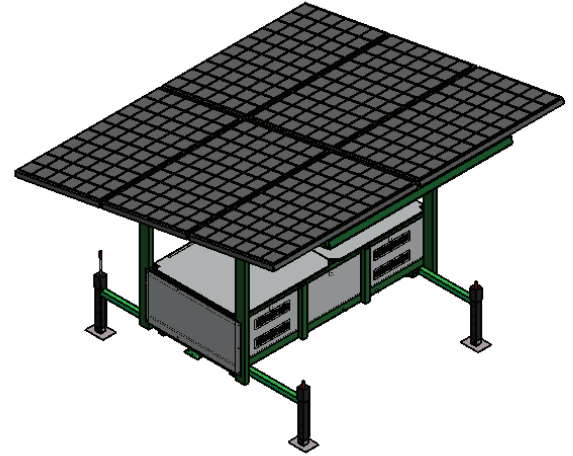




## STAR 1 Description

These systems are configured to provide off power grid homes with power and light using a portable home kit.

- 6 x 300W solar panels (1800W total) can produce up to 8.5 kWh DC per day
- includes 80 home kits and 80 light kits
- 2.73 kWh storage capacity
- minimal maintenance, safe and off the grid
- includes charging controller, gel batteries and breakers/switches
- frame is created with heavy duty steel designed for uncrated shipping
- onboard three stage temperature compensated charging and load management
- steel frame is hot-dip galvanized



(Dimensions are in mm)



Home Battery Kits recharging from the STAR trailer



Home Battery and Light Kits

## STAR 1 Specifications

Model	STAR 1-6-4-1.8k
Solar Panels	6 x 300 watt
System Capacity (watts)	Up to 1800
Station Batteries	4 (200 amp Deep Cycle Gel)
Storage Capacity (kWh) *	2.73
Weight (kg)	1360
Quantity Per 40' Hi-Cube	9
Full Deep Cycles	1000
Options	Trailer wheel kit

\* 35% depth of discharge

contact

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## Station Battery Specifications



Valve-Regulated	Construction eliminates periodic watering, corrosive acid fumes, and spills
Plate alloy	Lead calcium
Container/cover	Polypropylene
Electrolyte	Sulfuric acid thixotropic gel
Valve	Self sealing

AMPERE HOUR CAPACITY 77°F (25°C)				PEAK RATING** [1.75 vpc @ 77°F (25°C)]		
10HR	20HR	24HR	100HR	5HR	20HR	100HR
169	183	187	210	153	193	213

\*\*Peak Rating - Maximum amount of amp-hours a battery can deliver at a specified rate

gelled-electrolyte batteries is designed to offer reliable, maintenance-free power for renewable energy applications where frequent deep cycles are required and minimum maintenance is desirable.