



Step 1: Choose Light Output

ESS-3000

Lumens: 2000-3400

ESS-6000

Lumens: 3000-6000

Step 2: Minimum Solar Panel Requirement

ESS-3000	ESS-6000
54 Watts	130 Watts
65 Watts	130 Watts
85 Watts	170 Watts (2x85W)
85 Watts	170 Watts (2x85W)
130 Watts	260 Watts (2x130W)

*For blue & purple regions, please call Enertia to discuss alternate solutions

Step 3: Minimum Battery Selection

ESS-3000:

Ambient Temp -5C to +40C: AGM Lead Acid 75AH; LifeSpan 2-3 yr
 Ambient Temp -40C to +55C: Lithium Polymer 90Ah LifeSpan 3-5 yr

ESS-6000:

Ambient Temp -5C to +40C: AGM Lead Acid 100AH; LifeSpan 2-3 yr
 Ambient Temp -40C to +55C: Lithium Polymer 90Ah LifeSpan 3-5 yr

Average Battery Reserve (Autonomous) = 2-3 Days