

## ESM20.XX

### ESM20.XX: Solar Battery Storage

Earthsafe ESM20 is a solar mobile modular storage system rated at 25, 50, 75, and 100 kWh nominal capacity. The weatherproof coated aluminum storage unit includes accessory equipment for safe operation and monitoring of the battery array.

The battery storage module integrates with Earthsafe solar arrays, generator module, and solar power management modules.

The system is designed for special event support, remote facilities, exploration base camps, or humanitarian response.



<b>Dimensions</b>	30" D x 78" H x 72" L (750W x 2000H x 1800D)
<b>Capacity</b>	25, 50, 75, or 100 kWh
<b>Operating Volts</b>	48 VDC
<b>Max. Amps</b>	80 A Max per Battery Unit
<b>Support</b>	Welded Aluminum Construction
<b>Weight (Estimate)</b>	25 KW 2000 LB (900 KG) 50 KW 2500 LB (1150 KG) 75 kWh 3000 LB (1350 KG) 100 kWh 3500 LB (1600 KG)
<b>Standard Accessories</b>	Battery Cable Systems Battery Temperature Sensing Battery Current Sensors Ventilation Temperature Control
<b>Construction</b>	Welded Aluminum Forklift Pockets Lifting Lugs

<b>Power</b>	75 A-HR per Battery Unit
<b>Controller</b>	Integrates to Earthsafe Solar Management Panel
<b>Operators</b>	Local Disconnect Switch
<b>Interface</b>	Modbus
<b>Communication (Optional)</b>	ZigBee Wireless to Solar Management Controller
<b>Optional Accessories</b>	Insulated Heated Enclosure SS Enclosure Automatic Fire Suppression
<b>How to Order</b>	ESM20.XX Solar Battery Storage System XX= 25, 50, 75, 100 kWh