

ESM40.100

ESM40.100 Solar Power Distribution and Cable Management 100 Amp

The Earthsafe ESM40.100 is a power distribution and cable management system within a modular weatherproof enclosure

The system is designed for 100A Photo-Voltaic energy collection with safety disconnects and circuit breakers. Up to 4 cable reels of 100 feet cable length connect solar arrays to the system

On the load side the unit safely distributes 120 / 208 VAC power for use through up to 4 reels of 100 feet cable connected to hi-safety portable distribution boxes.



Dimensions	24" W x 90" H x 192" L (600W x 2250H x 4800D)
Capacity	100 A PV Collection 100 A Power Load
Operating Volts	120 / 230 Single Phase
Max. Amps	40 A at 230 VAC 80 A at 120 VAC
Support	Welded Aluminum Construction
Weight (Estimate)	1500 LB (700 KG)
Standard Accessories)	(4) Power Distribution Boxes
Construction	Welded Aluminum Forklift Pockets Lifting Lugs

Enclosure	NEMA 3R Weatherproof
Cable Reels	Spring Rewind 100 feet 12/3 Cable
Monitor	Earthsafe GC1
Operators	Local Disconnect Switches
Interface	RS-485
Communication (Optional)	Modbus to Solar Management Controller
Optional Accessories	Insulated Heated Enclosure SS Enclosure
How to Order	ESM40.100 Solar Power Distribution and Cable Management 100 A.