

FINNING SB-24

PREFABRICATED SOLAR ARRAY MODULE WITH BATTERY STORAGE

Our solar skid solution offers an ideal turn-key product. The advantages of the modular solar skid is a pre-designed, fully assembled Microgrid solution with ease of site integration, low-cost of transportation and installation and customization of features to match your customer's specific requirements.

10.4KW solar array on ballasted foundation and racking assembly. Comes with foldable panels for stacking during transport. 6KW up to +10MW Grid-Tie Inverter based on your project requirements.



MODEL DETAILS

Max PV Voltage (V)	490 per string
Max PV Current (A)	11 per string
AC Output (W)	10,000
AC Output (V)	120 / 208 / 240
Array Size (W)	10,440
Configuration	Dual string

DIMENSIONS

Length	14,226 mm (468 in)
Width	2,438 mm (96 in)
Height	500 mm (20 in) folded 2,133 mm (84 in) deployed
Weight	2,500 kg

ANNUAL SOLAR PRODUCTION (KWh)

10,000-14,000

ANNUAL GHG (TC02e)

27-38

GENERATOR FUEL SAVINGS (L)

4,000-5,600

*Figures for Western Canada average production between 49-57° N
*Consult a Finning representative for an evaluation

FINNING SOLAR ARRAY

- Twenty Four (24) 435W Monocrystalline Halfcut Cat[®] solar panels
- A-frame configuration for maximum sunlight exposure
- Panels fold within frame for transport
- Electric solar panel racking lift actuators
- Dual string configuration

INTEGRATED INVERTER PLATFORM

- Heated Battery Enclosure
- R4 Insulated waterproof box
- Embedded heated floor
- Maintains +5°C (40°F) internally year-round
- Rated to ambient temperature of -45°C (-112°F)

CAT[®] BATTERY PACK

- Twenty Four (24) 12V Lead Acid BCI LM Cells 100Ah
- 48V 600Ah Battery Pack (28.8kWh)
- 14.4hr backup @ 2KW load
- Fuse Protection
- Dual string configuration

INTEGRATED INVERTER PLATFORM

- Single phase or three phase options
- 10KW Inverter/Charger
- Rated to ambient temperature of -45°C (-112°F)

LI-ION BATTERY PACK (OPTIONAL)

- Twenty Four (24) 12V, 100Ah
- 48V 600Ah Battery Pack (28.8kWh)
- Battery life; greater than 2000 cycles @ 100% DOD

INTEGRATED BALANCE OF SYSTEM

- Includes Solar Cabling (10AWG)
- Integrated DC and AC disconnect switch

WARRANTY

- 5 Year Warranty for Inverter & Array Skid
- 10 Year Warranty for Panels
- 25 Year Warranty for linear power output of panels

LET'S DO THE WORK.™

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