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# Energy innovation

## Power packages

Here to meet your solar system storage needs. This reliable, rugged, and economic power package is engineered for off-grid solar applications. ABB supplies and distributes a complete line of PV skids that include a solar array, mounting kit and battery enclosure, with additional room on the top shelf for a control back panel assembly (optional). The skids can be used in a wide array of off-grid applications. Call us today for a quote or to learn more about all of our power package offerings.



Scan the QR code for more information.  
[abb.com/upstream](http://abb.com/upstream)



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## Pre-defined power packages

Solar panel	Quantity	Finish		General purpose	Class 1 Div 2	Battery system		Voltage	
		Mill	Powder coated			AH	Quantity	12v	24v
30 watt	1	✓	✓	✓		110	1	✓	
50 watt	1	✓	✓	✓		110	1	✓	
85 watt	1		✓	✓		220	2	✓	
120 watt	2		✓	✓	✓	440/550	8/10		✓
125 watt	1		✓	✓		440	8	✓	✓
190 watt	2		✓	✓	✓	440/550	8/10		✓

## Customized power packages

### Battery enclosures

Battery quantity	Finish		Overall dimensions	Inside dimensions	Opening dimensions
	Mill	Powder coated			
1	✓	✓	20.625 x 17.5 x 12	15.875 x 16 x 11	13.25 x 14.125
2	✓	✓	22.625 x 19.25 x 19.625	17.875 x 17.75 x 18.75	15.125 x 15.75
6	✓	✓	40.125 x 25.25 x 17.125	35.75 x 23.75 x 14.875	31.625 x 21.5
10	✓	✓	17.5 x 51.25 x 26	15.875 x 48 x 24	23.25 x 47.25

### Solar panels

Wattage	Voltage		General purpose	Class 1 Div 2	Mounting bracket	Hardware
	12v	24v				
20 watt	✓				✓	✓
30 watt	✓				✓	✓
50 watt	✓	✓	✓	✓	✓	✓
85 watt	✓	✓	✓		✓	✓
120 watt	✓			✓		
125 watt	✓		✓			
150 watt	✓			✓		
190 watt	✓			✓		



Customized power packages can come assembled on a skid with:

- Enclosure
- Solar panel
- Batteries
- All necessary hardware

### NEMA ratings:

- NEMA 3R (standard)
- NEMA 3R, NEMA 4, NEMA 4X

### Available in:

- Mill finished aluminum (standard)
- Powder coated aluminum (white)

### Back panel assembly

- Include charge controller
- RTS (Remote Temperature Compensation)
- Include circuit breakers
- Protection for: GFP; solar; battery; loads

### Turnkey

- Solar panels are pre-wired
- Battery bank is pre-wired
- Load supply voltage ready for hookup

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