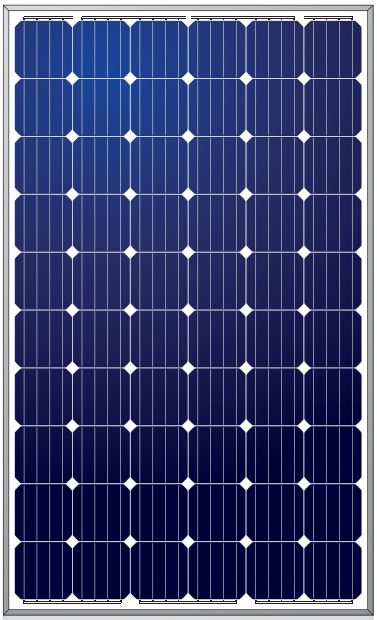
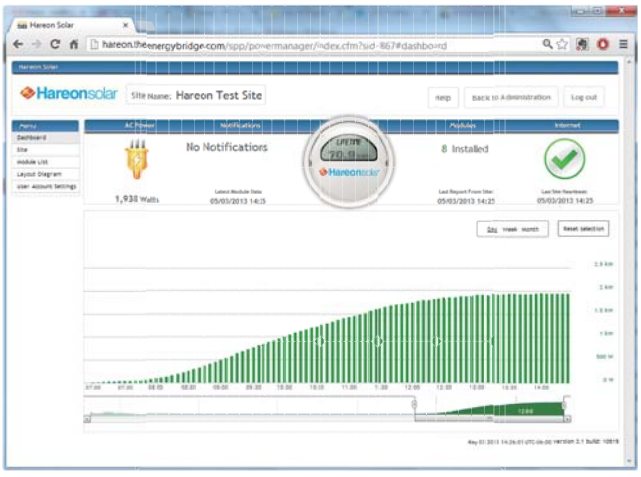
Hareon Solar AC Modules
Powered by SolarBridge Technologies

4BB HR-270-18/Cb—HR-280-18/Cb

Mono-Crystalline Silicon Module





BETTER PERFORMANCE

- ☐ Up to 25% higher energy output
- ☐ Better tolerance to shading and soiling
- ☐ Higher availability and uptime

FASTER INSTALLATION

- ☐ Scalable and flexible system design
- ☐ Up to 50% lower installation time
- ☐ Integrated grounding

DATA AT YOUR FINGERTIPS

- ☐ Real-time web-based data visualization
- ☐ Individual module level and Fleet level monitoring
- ☐ Clean, intuitive interface

UNPARALLELED SAFETY AND RELIABILITY

- ☐ No high-voltage DC
- ☐ Anti-islanding and anti-theft features
- ☐ 25-year warranty covering module and microinverter

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Clean Energy Council

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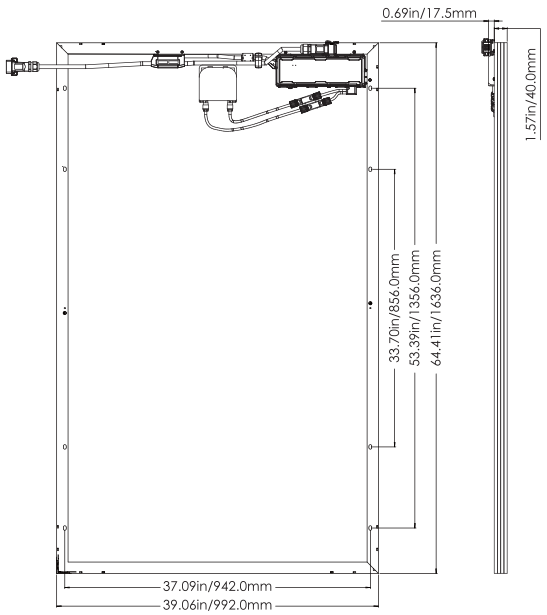
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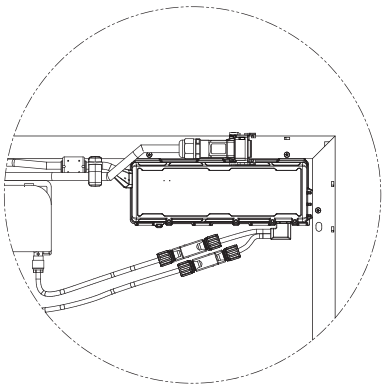
AC OUTPUT

Maximum Continuous Power	238 W
Nominal Voltage	230 V
Nominal Frequency	50 Hz
Nominal Output Current	1.035 A
Total Harmonic Distortion	AS 4777.2 Compliant, EN61000-3-2
Peak Efficiency	95.6%
Adjustable Operating Voltage Range	180 V - 270 V
Adjustable Operating Frequency Range	45 Hz - 55 Hz
Max Units Per Branch	16
Max Current per Branch	20A
AC Connectors	Square connectors, double locking



DC ELECTRICAL DATA

Nominal STC Power	270W	275W	280W
Power Tolerance		0/+5 W	
Module Efficiency	16.64%	16.94%	17.25%
Temp. coefficient of Pmax		-0.41% /°C	
NOCT		45 (±3) °C	



MECHANICAL PARAMETERS

Cell (mm)	156×156 Poly
Dimensions (L×W×H) (mm)	1636×992×40
Weight (kg)	21.6
No. of Cells and Connections	60(6×10)
No. of Diodes	3

QUALIFICATION

Temperature Cycling Range	-40°C~+85°C
Max. Series Fuse	15 A
Max. Wind Load / Max. Snow Load	2400Pa / 5400Pa
Damp Heat Test	85°C and 85 relative humidity for 1000h
Hot Spot Free	100% EL inspection before and after lamination

PACKING CONFIGURATION

MODULE SIZE	CONTAINER	20'GP	40'GP	40'HC
1636×992×40	Pieces Per Pallet	22	22	22
	Pallets Per Container	6	14	28
	Pieces Per Container	132	308	616

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