



36-CELL POLYCRYSTALLINE MODULE

160 Wp

MAX POWER OUTPUT

16.9%

MODULE EFFICIENCY

10 YEAR

PRODUCT WARRANTY

25 YEAR

LINEAR PERFORMANCE
GUARANTEE

BRONCO™ IS AN ESTABLISHED NAME FOR RENEWABLE POWER PRODUCTS IN CANADA.

COMBINING PROVEN EUROPEAN TECHNOLOGY WITH CANADIAN INGENUITY ALLOWS BRONCO™ TO MAKE A REAL COMMITMENT IN PROVIDING SMARTER ENERGY CHOICES FOR THE FUTURE.



GUARANTEED POSITIVE POWER SORTING:
[-0 : +4.99 WP]



CERTIFIED FOR USE IN CLASS 1 DIVISION 2
HAZARDOUS LOCATIONS (GROUP A,B,C & D)



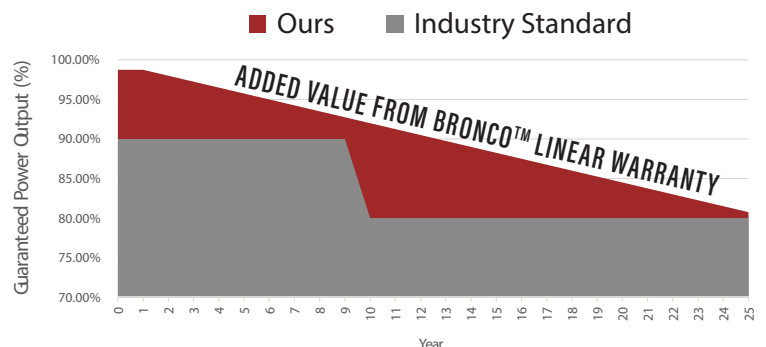
MANUFACTURED ACCORDING TO
INTERNATIONAL QUALITY SYSTEM STANDARDS:
ISO9001



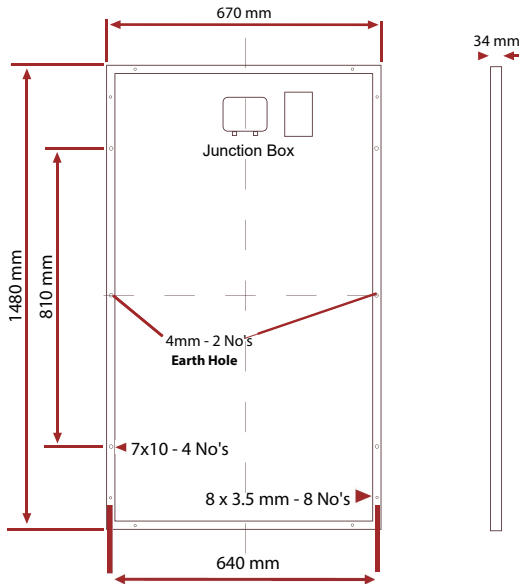
34mm FRAME ENSURES ROBUST AND RIGID
PRODUCT FOR ALL INSTALLATION TYPES

LINEAR PERFORMANCE GUARANTEE

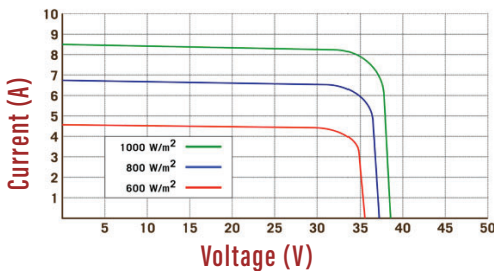
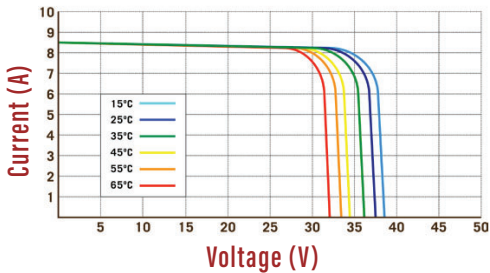
10 YEAR WORKMANSHIP WARRANTY • 25 YEAR LINEAR PERFORMANCE GUARANTEE



DIMENSIONS FOR BRONCO™ 36M SERIES MODULES



I-V CURVE FOR BRONCO™ 36M SERIES



CERTIFICATIONS



ELECTRICAL DATA (STC)

Peak Rated Power	P_{mpp} (W)	160
Maximum Power Voltage	V_{mpp} (V)	18.75
Maximum Power Current	I_{mpp} (A)	8.55
Open Circuit Voltage	V_{oc} (V)	22.2
Short Circuit Current	I_{sc} (A)	9.25
Module Efficiency *	Eff (%)	15%
Power Output Tolerance		[- 0 , + 4.99] Wp

STC - Standard Test Conditions: Irradiation 1000 W/m² - Air mass AM 1.5 - Cell temperature 25 °C
* Calculated using maximum power based on full positive output tolerance [-0, +4.99] Wp

MECHANICAL DATA

Dimensions (L x W x D)	1480 x 670 x 34 mm (58.3 x 26.4 x 1.3 inch)
Weight	11.5 kg (25 lbs)
Output Cables	*Optional
Junction Box Class 1 Div 2 Rated	IP65; 4 Terminal Screw Block; Terminals Compatible with 8 - 14 AWG Wire Compatible with PG 13.5 Cable Gland, M20 13mm (½") Conduit, or Other Cable Fittings for 6-12 mm ² Cable
Frame	Anodized aluminum alloy
Front Glass	Low-iron content, high-transmission PV solar glass
Solar Cells	36 polycrystalline cells (156 x 156 mm)

* Standard IP65 Junction Box with 800mm cables, Class 1 Div 2 Certification not applicable with this option

CERTIFICATIONS

UL Listed	ULC/ORD-C1703-1, UL1703
IEC Listed	IEC 61215 ; IEC 61730
Class 1 Div 2	FM3611 ; CAN/CSA NO. 213 - M1987, 1st Ed.

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	+45°C (±2°C)
Temperature Coefficient of P_{max}	-0.39%/°C
Temperature Coefficient of V_{oc}	-0.31%/°C
Temperature Coefficient of I_{sc}	0.045%/°C

MAXIMUM RATINGS

Operational Temperature	-40°C - +85°C
Max System Voltage	1000V (UL / IEC)
Max Series Fuse Rating	15A

PACKAGING CONFIGURATION

Modules per box	1 piece
Modules per pallet:	20 pieces

WARRANTY

10 Year Manufacturer's Workmanship Warranty
25 Year Linear Power Guarantee

(Refer to product warranty page for details)

COMPATIBLE MOUNTS

Single pole mount	VPM-1001
Dual pole mounts	VPM-2001



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
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