



CONTENDRE
SOLAR

P SERIES

CG P72

325–335W

Poly Crystalline Solar PV Module
72 Full Cells | Max Efficiency **17.26%**



Yield Security
Anti PID Technology
Hot-Spot Protect
Traceable Quality
Anti LID Technology



THE IDEAL SOLUTION FOR



Rooftop arrays on small residential, commercial and industrial buildings



Ground-mounted solar power plants

Contendre (CGPL) is one of the world's leading solar solution experts. We are specialised in high efficiency solar module manufacturing, distribution and research. To utilise our production and technology advantage, we provide our customers with comprehensive solutions for the whole life cycle of solar project.

We use Raw Materials certified by:



Made in India

Note: Specifications subject to technical changes and tests. Contendre reserves the right of final interpretation.

Also Available in DCR Version



5 Busbar Solar Cell

Advanced 5 busbar Cell technology for higher efficiency and better aesthetics



Cost Effective

Offering high value at low cost, makes it one of the popular choices of installers and customers



Lower BOS Costs

Designed for high voltage systems of upto 1500 VDC, saving balance of system costs



All-Weather Technology

Optimal yields, whatever the weather with excellent low-light and temperature behavior



Enduring High Performance

Long-term yield security with Anti LID and Anti PID Technology, Hot-Spot Protect and Traceable Quality



Load Capacity Enhancement

High durability raw materials helps to withstand high front load of upto (5400 Pa) and back loads of upto (2400Pa)



A Reliable Investment

12 years product warranty and 25 years linear power output warranty makes it a reliable investment

MECHANICAL SPECIFICATION

Dimensions (LxWxH in mm)	1960 x 990 x 35
Weight (kg)	21 kg
No. of Cells	72 (12 x 6) Poly Crystalline
Aluminum Frame (40HS)	Silver Anodized Aluminum Alloy (Also available in black)
Front Cover	Low Iron Tempered Glass (3.2 mm thick)
Encapsulate	Ethylene Vinyl Acetate (EVA) Sheet–PID free & UV resistant
Backsheet	Fluoro Polymer Based PVDF Backsheet
Junction Box with 3–Bypass diode/Rating	4 Terminal Junction Box with 3 Bypass diodes (IP67/68)–Weather proof / MC4 Compatible
Application Class Rating	Class A
Fire Safety Class Rating	Class II
Mechanical Load Test (as per IEC & UL)	5400 Pa–Front; 2400 Pa–Back
Mounting Holes Pitch (Y)–mm (A) 860, (B) 1360	
Mounting Holes Pitch (X)–mm 945	

ELECTRICAL PARAMETERS (STC*)

Model	Pmax (W)	Isc (A)	Voc (V)	Imp (A)	Vmpp (V)	Eff (%)	FF
CG–P72–325	325W	9.02A	45.10V	8.48A	38.34V	16.74%	79.89
CG–P72–330	330W	9.05A	46.15V	8.48A	38.95V	17.00%	79.08
CG–P72–335	335W	9.14A	46.37V	8.54A	39.24V	17.26%	79.07

*STC (Standard Test Conditions): Irradiance 1000 W/m², Temperature 25°C, Spectrum at AM 1.5G.

ELECTRICAL PARAMETERS (NMOT*)

Model	Pmax (W)	Isc (A)	Voc (V)	Imp (A)	Vmpp (V)
CG–P72–325	240.54W	7.28A	42.35V	6.72A	35.89V
CG–P72–330	245.14W	7.31A	43.34V	6.72A	36.58V
CG–P72–335	248.71W	7.38A	43.55V	6.77A	36.85V

*NMOT (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectrum at AM 1.5G, Wind Speed at 1m/s. (NOCT is similar to NMOT)

TEMPERATURE COEFFICIENTS

Current (Isc)	a	+0.0451%/°C
Power (Pmax)	y	–0.3614%/°C
Voltage (Voc)	b	–0.3045%/°C
NMOT / NOCT	NMCT	45±2°C

PROPERTIES FOR SYSTEM DESIGN

Maximum System Voltage Vsys	V	1500 (IEC)
Maximum Series Fuse Rating	A DC	20
Max. Design Load, Push / Pull	lbs / ft ²	2400 Pa
Max. Test Load, Push / Pull	lbs / ft ²	5400 Pa
Safety Class		II
Fire Rating		C
Temperature Degree Celsius		–40°C upto +85°C

PACKAGING DETAILS

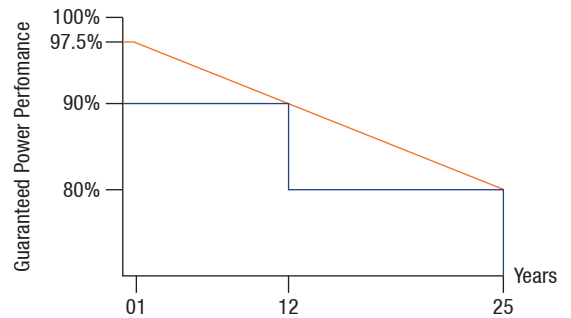
Number of Modules per Pallet	30
Number of Pallets per 40' HC–Container	20
Number of Modules per 40' HC–Container	600
1–Pallet Weight	640.00 kg

Caution: Please read safety and installation instructions before using the product.

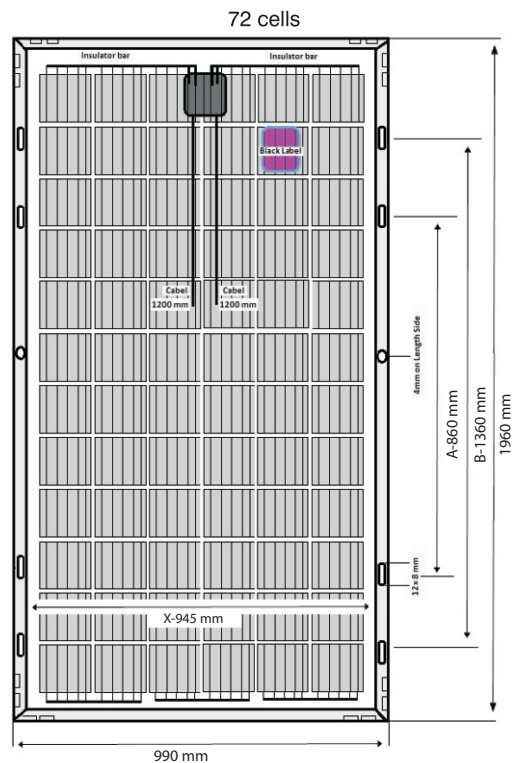
***Power Degradation:** Linear power degradation up to 2.5% in 1st year and 0.6%/year from year 2 to year 25. Please read Contendre warranty documents thoroughly.

DISCLAIMER: specifications included in the datasheet are subject to change without prior notice owing to continuous innovation on the product Development and R&D Activities. Contendre Solar reserves the right to make any adjustment to the information described here, Dataset contained in this specification do not form a representative of a single module data. @T&C Apply.

LINEAR PERFORMANCE WARRANTY



REAR VIEW & MOUNTING DETAIL



QUALIFICATION AND CERTIFICATES

UL 1703 & CE–Compliant.

IEC 61215:2016, IEC 61730:2016, Application Class II.

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018.



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