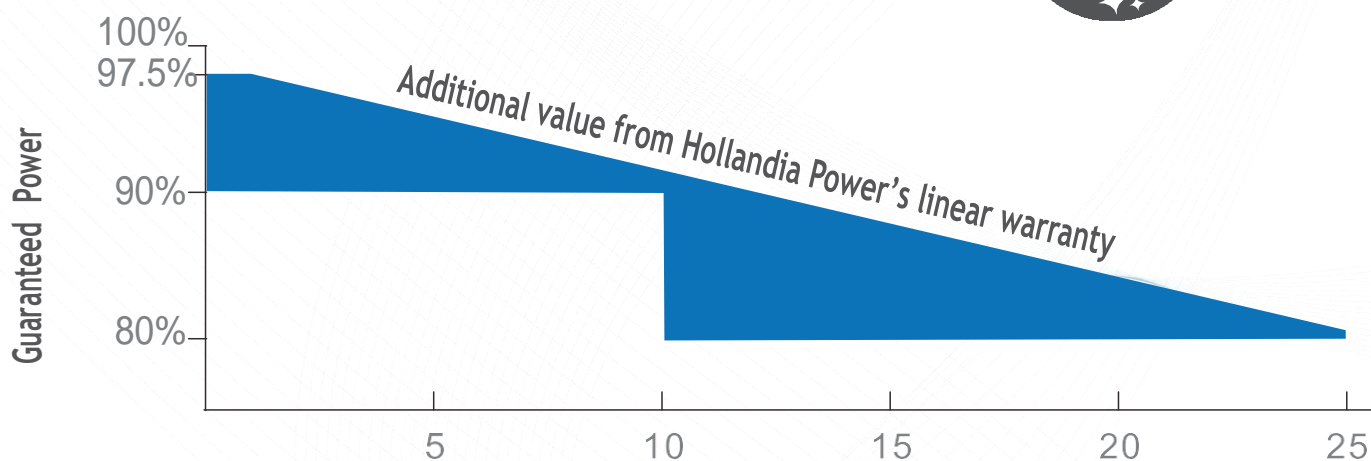


- High performance even under low lighting conditions (cloudy days, mornings and evening)
- Our solar panels are distinguished by 6 protective diodes present in the junction box. These solar panels are tested individually and come with individual test reports for guaranteed power output (0~+3%)
- Manufactured according to International Quality and Environment Management System (ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007)
- Independently certified by International certification bodies, including the Salt Mist Corrosion certificate and Ammonia Corrosion certificate.
- Holding the certifications by TÜV SÜD; IEC 61215, IEC 61730-1, IEC 61730-2, IEC 61701, IEC 61345 and IEC 62716.
- Module can take on wind loads up to 3800Pa and snow loads up to 5400Pa.
- Black frame and black sheet are optional with aesthetic appearance.
- Increased performance by improved layout and 9 & 12 - bus bar technology.



LINEAR PERFORMANCE WARRANTY



-12 year limited product warranty¹

-Limited Power warranty: 12 Years at 90% minimal rated power output,

25 Years at 80% of the minimal rated power output

¹in compliance with our Warranty Terms and Conditions

ELECTRICAL PERFORMANCE

Electrical parameters Standard Test Conditions (STC)

Module Type			HPS0325P-72	HPS0330P-72	HPS0340P-72
Power Output	P _{max}	W	325	330	340
Power Tolerance	ΔP _{max}	%	0/+5W	0/+5W	0/+5W
Module efficiency	η _m	%	16.8	17.0	17.52
Voltage at P _{max}	V _m	V	37.2	37.3	38.6
Current at P _{max}	I _m	A	8.76	8.87	8.81
Open-Circuit Voltage	V _{oc}	V	45.9	46.1	47.2
Short Circuit Current	I _{sc}	A	9.25	9.38	9.24

STC: 1000W/m² irradiance, 25°C module temperature, AM 1.5 spectrum.

THERMAL CHARACTERISTICS

Nominal Operating Cell Temperature	NOCT	°C	47±2
Temperature Coefficient of P _{max}	γ	%/°C	-0.41
Temperature Coefficient of V _{oc}	β _{voc}	%/°C	-0.35
Temperature Coefficient of I _{sc}	α _{isc}	%/°C	+0.060

OPERATING CONDITIONS

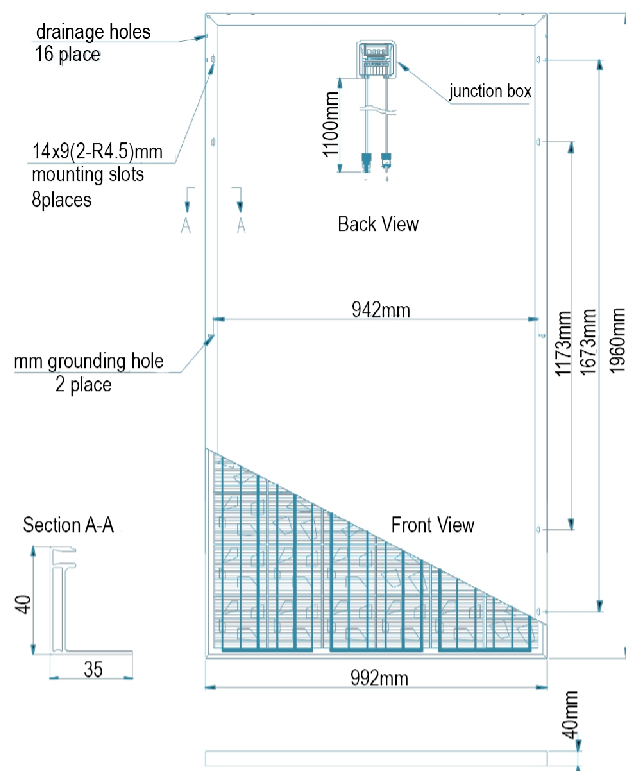
Max. System Voltage	1000V/1500
Max. Series Fuse Rating	15A
Operating Temperature Range	-40°C~85°C
Max. Static Load, Front (e.g. snow & wind)	5400Pa
Max. Static Load, Back (wind)	3800Pa
Application Class	A

CONSTRUCTION MATERIALS

Front Cover (material/type/thickness)	low-iron tempered glass/3.2mm
Cell (quantity/material/type)	72(6x12)/polycrystalline
Frame (material/anodization color)	anodized aluminum alloy
Junction Box (protection degree)	IP67
Cable (length/cross-sectional area)	4mm,900mm
Plug Connector	MC4 compatible

GENERAL CHARACTERISTICS

Dimension (L/W/H)	1960x992x40mm
Weight	22.6kg



OUR PARTNER:



Due to continuous innovation, research and product improvement, the specifications in this product data sheet are subject to change without prior notice. The specifications may deviates slightly and are not guaranteed

The data do not refer to a single module, they only serve for comparison to different module types

Please read the instruction manual in this entirety before handling, installing and operating Hollandia Power modules.

HOLLANDIA POWER PRODUCTS ARE DESIGNED AND QUALITY CONTROLLED IN THE NETHERLANDS

PACKING CONFIGURATION

Modules per pallet	27
Modules per 40 container	648