PHOTOVOLTAIC MODULES
IS70P - IS75P

36 cells

Let the Light be Life™

Istar Solar® photovoltaic modules **IS70P** and **IS75P** with powers of **70Wp** and **75Wp** are composed of 36 high efficiency polycrystalline cells **156x78mm**. These modules have a nominal voltage of 12V and are specifically designed for stand alone systems.

CONSTRUCTION FEATURES

Cells	36 high efficiency polycrystalline cells 156x78mm
Encapsulant	EVA (Ethylene vinyl acetate)
Glass	Solar glass, low-iron, transparent, tempered and textured to allow a maximum concentration and diffusion of light on the solar cells, even if in lower sunlight levels worldwide.
Backside	White multilayer polyester film. It contributes to a further protection of modules against the action of climatic agents like humidity and provides a total electrical isolation.
Frame	Anodized aluminium frame with drainage holes and provided with 4 holes for mounting (certified wheel-base) that allows the modules to be extremely easy to install.
Junction box	Tyco with protection degree IP65, equipped with 2 by-pass diodes.
Cable and connectors	Tyco. Available on request.
Warranty	**Power of modules: 90% 12 years - 80% 25 years** **Product: 10 years**

Modules Certifications

TÜV 11-PPV-0000108/05-W02-TIC
TÜV Factory Inspection

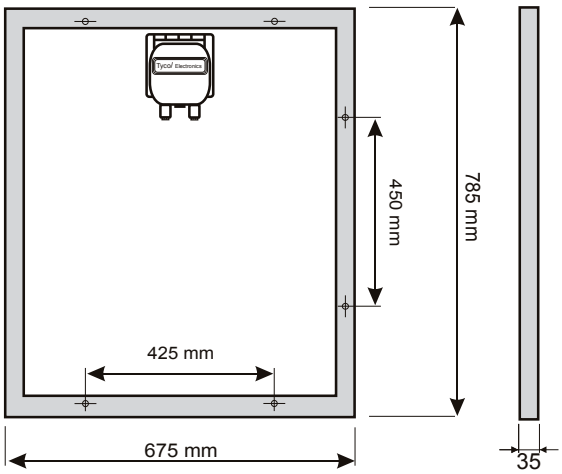
CEI/EN 61215 Ed.2
CEI/EN 61730 1-2 (2007)

Company Certifications

Dasa-Rägister EN ISO 14001:2004 IE-0112-01
Dasa-Rägister EN ISO 9001:2008 IQ-0112-03
Dasa-Rägister BS OHSAS 18001:2007 IS-0112-01

MADE IN ITALY

Electrical and Technical Data
(STC: 1000 W/sqm - 25°C - AM 1,5)



	IS70P - 12V	IS75P - 12V
Pmax	**70 Wp**	**75 Wp**
Imp	4 A	4,21 A
Isc	4,4 A	4,65 A
Voc	21,4 V	21,8 V
Vmp	17,5 V	17,8 V
NOCT	45 °C	
Maximum system voltage	1000 V	
Temperature range	-40 a +85 °C	
Hail resistance	up to Ø 25 mm to 83 km/h	
Relatives humidity	up to 100%	
Dimensions	785 x 675 x 35 mm (± 2)	
Dimensions of laminate	777 x 667 x 5 mm (± 2)	
Weight	8,3 Kg with frame - 7 Kg laminate	
Power tolerance	± 3%	

Datasheet complies with the requirements EN 50380
Istar Solar® reserves the right to change the features of modules without notice

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