



MADE IN EUROPE



Monocrystalline Photovoltaic Module

Transparent PV Integration

MPST



Italian production plant
assembling with european components



Ultra-robust module
40 mm frame thickness



Customized production
All Black | Translucent | Standard



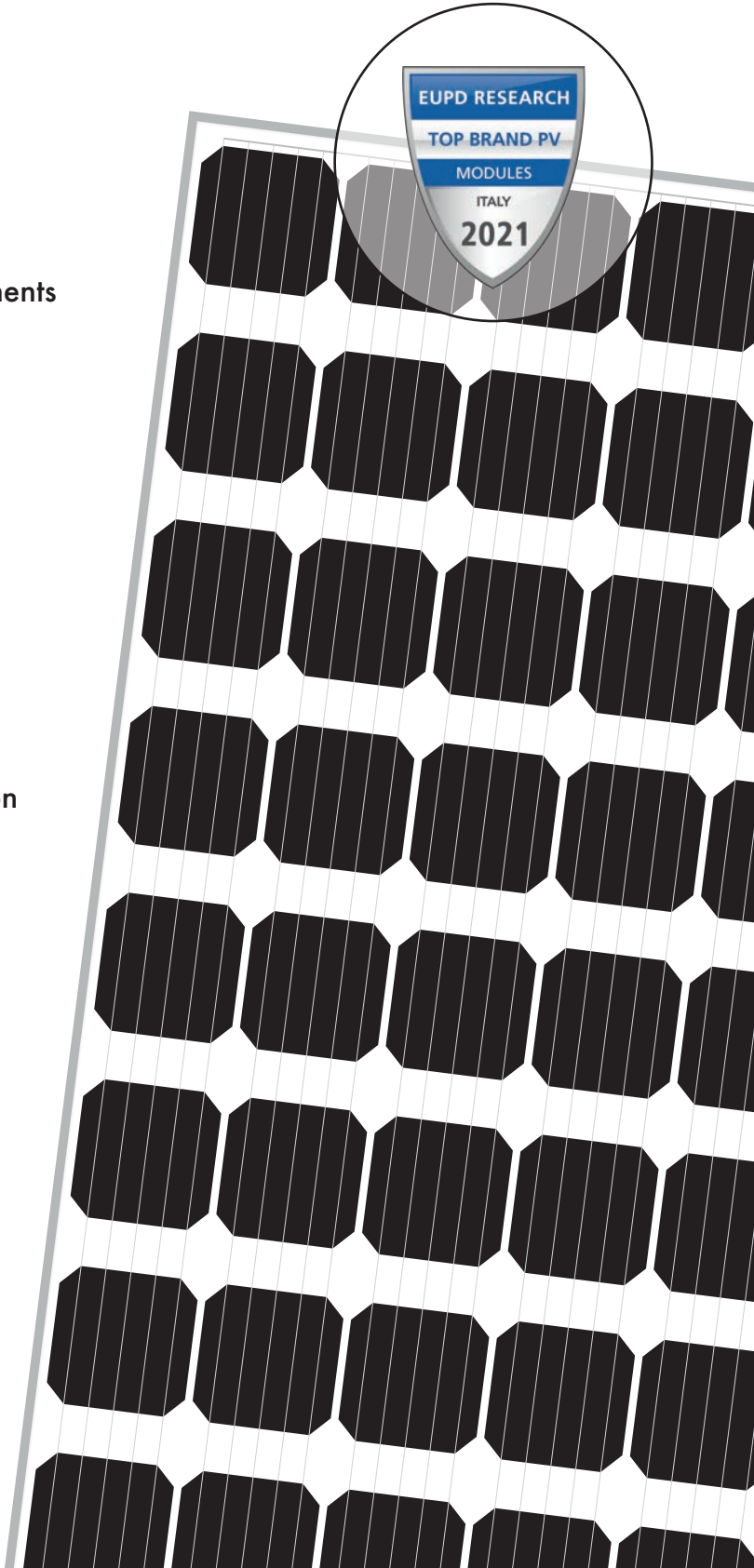
6/9 Multibusbars cell connection



Stäubli connectors
upon request



www.solarday.it

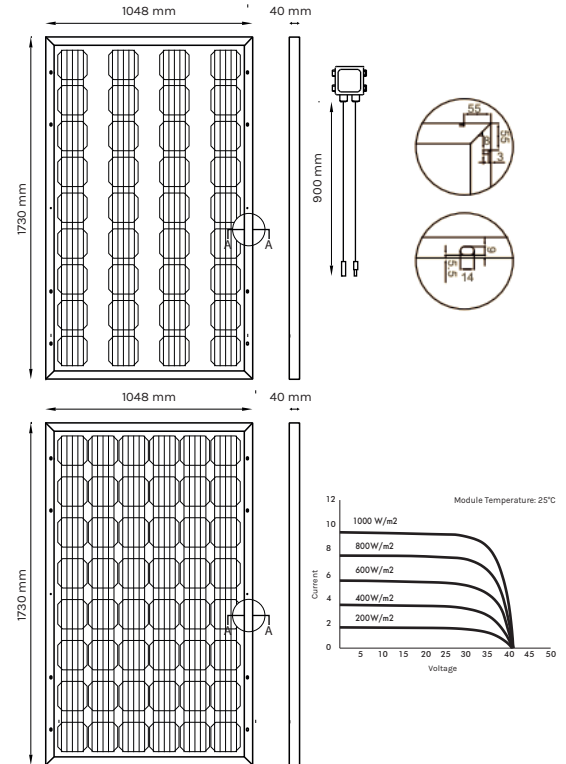


Monocrystalline Photovoltaic Module Transparent PV Integration MPST



TECHNICAL FEATURES

Cells:	36 (9x4) - 48 (8x6) Monocrystalline Silicon Available in: M6 Cut cells
Frontal Glass:	Glass with low iron content - thickness 3,2 mm Capa ARC < 20000 cd/m2 Frontal load (snow) 5400 Pa - Back load (wind) 2400 Pa
Encapsulant:	EVA (Etilen Vinil Acetato)
Backsheet:	Polymer sheet
Frame:	Black/Silver anodized aluminum 15 micron Grounding holes (For more information please contact our sales team)
Junction Box:	IP67/IP68 - 1500 V with 3 by pass diodes Cables length 900 mm - Section: 4,0 mm ² ± 1% tolerance Fire Class 1 approval (UNI 9177)
Connectors:	MC4 or compatible connector



WEIGHT, DIMENSIONS AND PACKAGING

MPST:	20 Kg 1730 mm x 1048 mm x 40 mm 27pcs Pallet 756 pcs track
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ELECTRICAL CHARACTERISTICS *

	MPST36 210W	MPST48 280W
	Transparency 46%	Transparency 28%
Pmax (W)	210	280
Tolerance	0/+5 W	0/+5 W
Vmpp (V)	20.31	26.64
Impp (A)	10.39	10.47
Voc (V)	29.37	39.17
Isc (A)	10.99	11.07
V	1500	1500
A	15	15

*NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1.5 and cells temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9). All the information of this brochure may be amended without notice by Solarday. Consult the installation manual for more information.

TEMPERATURE CHARACTERISTICS

Temperature Coeff. of Voc:	-0,34 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C
Temperature Coeff. of Pmax:	-0,43 % / °C

OPERATIVE CHARACTERISTICS

Operating Temperature:	from -40 °C a + 85 °C
Hailstorm Resistance:	Ø 28 mm, 86 Kg/h
NMOT*:	43 ± 2 °C

*Nominal Module Operating Temperature: Irradiance 800W/m²; Air 20°C; Wind speed 1m/s

WARRANTIES

20 YEARS
Product Warranty

25 YEARS
Linear Warranty

PREMIUM
+5

SOLARDAY CERTIFICATES

IEC 61215:2016 | EN 61730-1:2016 | EN 61730-2:2016
UNI 9177 Class 1 Fire Class | FIRE TEST MST23 CLASSE C
IEC 62716:2013 | IEC 61701:2011
ECOEM

UNI EN ISO 9001:2015
UNI EN ISO 14001:2015
UNI EN ISO 45001:2018
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