



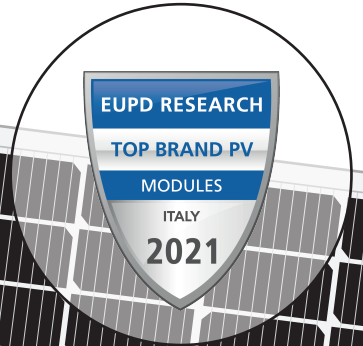
MADE IN EUROPE



Monocrystalline Photovoltaic Module

Glass Glass 300 - 530 W

RL SDM60 | RL BPM60 | RL BPM72 | TEN HCD 144



Italian production plant
assembling with european components



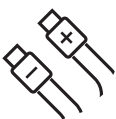
Ultra-robust module
40 mm frame thickness



Customized production
Framed | Frameless



Positive tolerance in our
modules with **0/+5 wp**



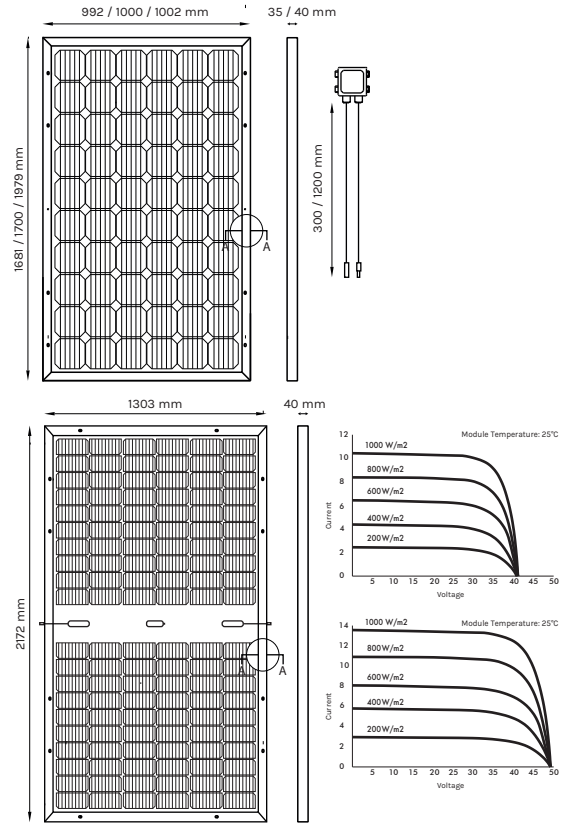
Stäubli connectors
upon request



www.solarday.it

TECHNICAL FEATURES

Cells:	60 (6x10) - 72 (6x12) - 144 (6x24) Monocrystalline Silicon PERC
Available in:	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">M3 Squared cells</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">M2 Cut cells</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">M10 Half cut</div> </div>
Frontal Glass:	Low iron glass - Thickness 2,1 mm Capa ARC < 20000 cd/m2 Frontal load (snow) 5400 Pa - Back load (wind) 2400 Pa
Back Glass:	Low iron glass - Thickness 2,1 mm Capa ARC < 20000 cd/m2 Frontal load (snow) 5400 Pa - Back load (wind) 2400 Pa
Encapsulant:	EVA (Etilen Vinil Acetato)
Frame:	Black 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 300/1200 mm - Section: 4,0 mm ² ± 1% tolerance Fire Class 1 approval (UNI 9177)
Connectors:	MC4 or compatible connector



WEIGHT, DIMENSIONS AND PACKAGING

RL SDM60:	22 Kg 1681 mm x 992 mm x 35 mm 27pcs Pallet 810 pcs truck
RL BPM60:	22 Kg 1700 mm x 1000 mm x 35 mm 27pcs Pallet 810 pcs truck
RL BPM72:	24 Kg 1979 mm x 1002 mm x 40 mm 27pcs Pallet 702 pcs truck
TEN HCD 144:	35,3 Kg 2172 mm x 1303 mm x 40 mm 27pcs Pallet 486 pcs truck

ELECTRICAL CHARACTERISTICS*

	RL SDM60 300W	RL BPM60 330W	RL BPM72 400W	TEN HCD 144 530W
Pmax (W)	300	330	400	530
Tolerance	0/+5 W	0/+5 W	0/+5 W	0/+5 W
Vmpp (V)	32.06	33.24	41.30	41.64
Impp (A)	9.36	9.93	9.69	12.73
Voc (V)	40.12	40.72	50.39	49.65
Isc (A)	9.73	10.48	10.26	13.48
V	1500	1500	1500	1500
Eff (%)	18.44	19.78	20.17	20.51
A	15	15	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:	-0,31 % / °C	-0,275 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C	+0,05 % / °C
Temperature Coeff. of Pmax:	-0,42 % / °C	-0,350 % / °C

OPERATIVE CHARACTERISTICS

Operating Temperature:	from -40°C a +85°C
Hailstorm Resistance:	Ø 28 mm, 86 Kg/h
NMOT*:	43 ± 2°C 44 ± 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
CE