

VOLTA[®]+

182M HALF CELL 620W – 625W

Topcon Technology



Outstanding mechanical load resistance

2400 Pa wind load, 5400 Pa snow load



Anti-PID (Potential induced degradation)

Passed anti-PID test under 85°C damp heat, 85% relative humidity for 96 hours



Great Durability against extreme conditions

Passed salt mist corrosion test, ammonia corrosion test, dust & sand test, fire test, all certified by TUV.



Double electroluminescence (EL) tests

Carefully inspected before and after lamination to guarantee fault-free modules.

30 YEAR WARRANTY

ELECTRICAL PERFORMANCE



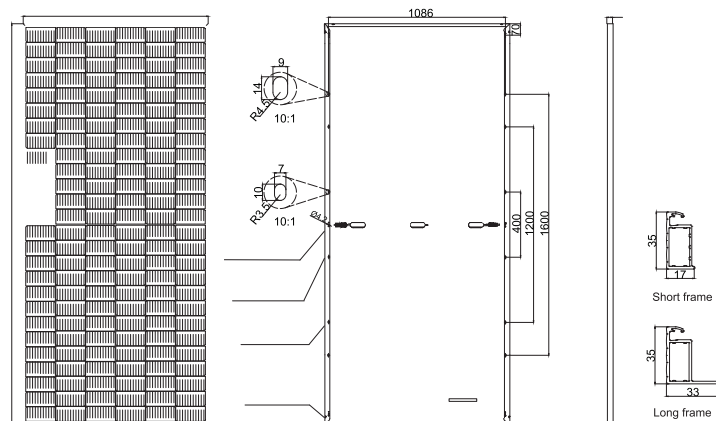
Model Type	YH620W-33MHD	YH625W-33MHD
Dimensions (L/W/H)	2382*1134*30	2382*1134*30
	STC	STC
Peak Power at STC (Pmax)	620	625
Maximum Power Voltage (Vmp)	40.74V	40.85V
Maximum Power Current (Imp)	15.22A	15.3A
Short Circuit Current (Isc)	49.08±3%	49.21±3%
Short Circuit Current (Isc)	16.08±3%	16.16±3%
Module Efficiency (%)	23.00	23.14
Open Circuit Voltage (Voc)		48.70V

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage (V)	1500V
Maximum Series Fuse Rating (A)	30A
Power Tolerance	0~+ 3W
Pmax Temperature Coefficient (W/°C)	-0.240%
Voc Temperature Coefficient (V/°C)	-0.220%
Isc Temperature Coefficient (A/°C)	+0.047%
NOCT Nominal Operating Cell Temp (°C)	45±2°C
Operating and Storage Temp (°C)	45±2°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 2.0mm
Cell (Quantity/Type/Dimensions)	182*105 N Type Bifacial Mono
No. Cells	132(6*11)2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm ² cable 30cm+mc4
Weight	33.00kg



PACKAGING SPECIFICATIONS

20FT Container	Packages/PCS
40HQ Container	20Packages/740PCS

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Specifications subject to changes and tests.
VOLTA reserves the right of final interpretation

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