

TOPCon
182*210mm



MUSTANG TOPCON 610w



Multi-Busbar
technology



Superior load
capacity



High module
efficiency



Excellent
low-light
performance



Lower annual
attenuation
longer warranty



Low BOS and
KWH cost



Reduce heat
spot effect



Higher
bifacially

QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

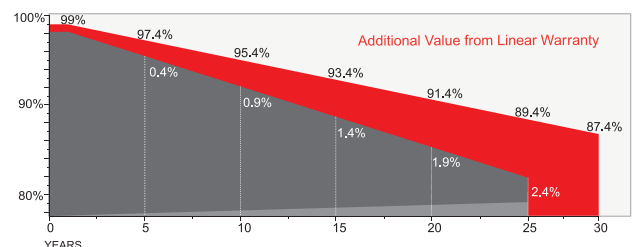
PRODUCT CERTIFICATION



INSURANCE

PICC

WARRANTY



Guarantee on product
material and workmanship



Linear power
output warranty



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External Dimension	2382 x 1134 x 35 mm
Weight	33.7 kg
Solar Cells	TOPCon 182 x 105 mm (132pcs)
Front / Back Glass	2.0mm AR coating semi-tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm ² , 250mm(+)/350mm(-) or Customized Length

Container	20'GP	40'HQ
Pieces per Pallet	31	31
Pallets per Container	4	20
Pieces per Container	124	620

Module Type	MUSTANG 605W			MUSTANG 610W			MUSTANG 615W			MUSTANG 620W		
	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC	Front STC	Front BNPI	Back STC
Maximum Power -P _{mp} (W)	605	670	484	610	676	488	615	681	492	620	687	496
Open Circuit Voltage -V _{oc} (V)	48.72	48.80	48.70	48.92	49.00	48.90	49.12	49.20	49.10	49.32	49.40	49.30
Short Circuit Current -I _{sc} (A)	15.82	17.53	12.66	15.87	17.58	12.70	15.92	17.64	12.74	15.97	17.69	12.78
Maximum Power Voltage -V _{mp} (V)	40.51	40.59	40.49	40.71	40.79	40.69	40.91	40.99	40.89	41.11	41.19	41.09
Maximum Power Current -I _{mp} (A)	14.94	16.51	11.95	14.99	16.57	11.99	15.04	16.62	12.03	15.09	16.68	12.07
Module Efficiency STC-η _m (%)	22.40			22.58			22.77			22.95		
Power Tolerance (W)	(0, +4.99)											
Pmax Temperature Coefficient	-0.29 %/°C											
Voc Temperature Coefficient	-0.25 %/°C											
Isc Temperature Coefficient	+0.046 %/°C											

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5 Power measurement tolerance: +/-3% Voltage measurement tolerance: +/-3% Current measurement tolerance: +/-4%
 BNPI: front 1000 W/m² rear 135 W/m² Power measurement tolerance: +/-3% Voltage measurement tolerance: +/-3% Current measurement tolerance: +/-4%

Power Gain	10%	15%	20%	25%	30%
Maximum Power - P_{mp} (W)	671	702	732	763	793
Open Circuit Voltage - V_{oc} (V)	48.92	48.92	48.92	48.92	48.92
Short Circuit Current - I_{sc} (A)	17.46	18.25	19.04	19.84	20.63
Maximum Power Voltage - V_{mp} (V)	40.71	40.71	40.71	40.71	40.71
Maximum Power Current - I_{mp} (A)	16.49	17.24	17.99	18.74	19.49

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	25 A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Bifaciality	80%±5%
Mechanical Load	Front side 5400 Pa / Back side 2400 Pa

