

KEY FEATURES



16BB Half-cut Cell Technology

New circuit design, lower internal current, lower R_s loss
Ga doped wafer, attenuation < 1% (1st year) / 0.4% (Linear)



Industry Leading High Yield

Bifacial TOPCon cell technology,
10%-30% more yield depends on different conditions



ELECTRICAL CHARACTERISTICS

	460	349	465	354	470	358	475	362	480	366
	34.70	33.10	34.87	33.00	35.03	33.10	35.19	33.20	35.36	33.40
	13.26	10.54	13.34	10.74	13.42	10.81	13.50	10.87	13.58	10.94
	42.03	39.90	42.20	39.90	42.36	40.00	42.52	40.20	42.69	40.40
	14.00	11.28	14.08	11.35	14.16	11.42	14.24	11.48	14.32	11.54
	21.26		21.49		21.72		21.95		22.19	

REAR SIDE POWER GAIN(REFERENCE TO 470W FRONT)

	10%	15%	20%	25%	30%
	517	541	564	588	611
	35.03	35.03	35.03	35.03	35.03
	14.76	15.43	16.10	16.77	17.44
	42.36	42.36	42.36	42.36	42.36
	15.57	16.28	16.99	17.70	18.40

MECHANICAL CHARACTERISTICS

	N-type Mono-Crystallin (16Busbar)
	120pcs in series (6*20)
	1908*1134*30mm (75.12*44.65*1.18inches)
	27.0kg (59.5lbs)
	2.0mm AR Coating Semi-tempered Glass
	2.0mm Glazed Semi-tempered Glass
	Anodized Aluminium Alloy
	IP68, 3 Bypass Diodes
	4mm ² (IEC), 12AWG(UL) 300mm in Length or Customized Length
	T01/LJQ-3-CSY/PV-KST4&PV-KBT4 PV-KST4-EVO2&PV-KBT4-EVO2

APPLICATION CONDITIONS

	1500V/DC
	-40°C~+85°C
	30A
	Class
	Front side 5400Pa, Back side 2400Pa
	80%±5%

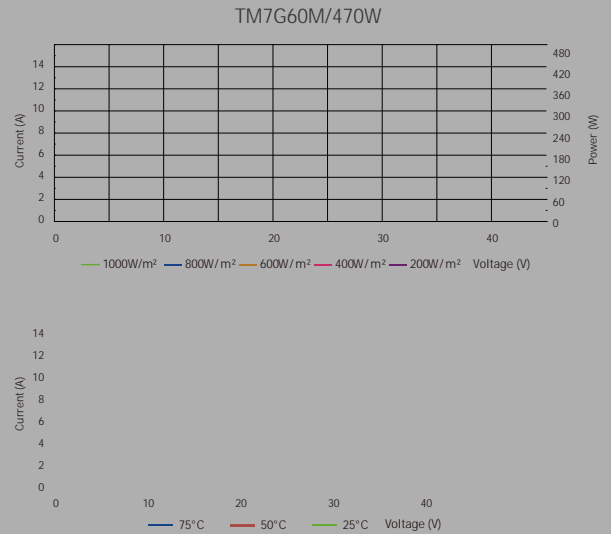
TEMPERATURE CHARACTERISTICS

	-0.30%/°C
	-0.25%/°C
	+0.046%/°C
	43±2°C

PACKING CONFIGURATION

	31	31(USA)
	744	682

I-V CURVE



TECHNICAL DRAWINGS



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