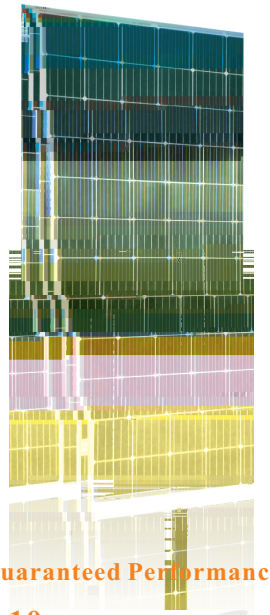
TPS-M6U



0-3

TUV

SNOW ZONE III (2400Pa) (5400Pa)

PID

800°C

“ ”

kWh / kW

2-3

Guaranteed Performance**

10

12

90

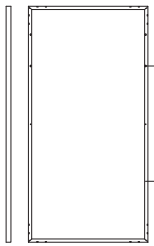
25

80

PV

Choosing Topray Solar

MECHANICAL DRAWINGS

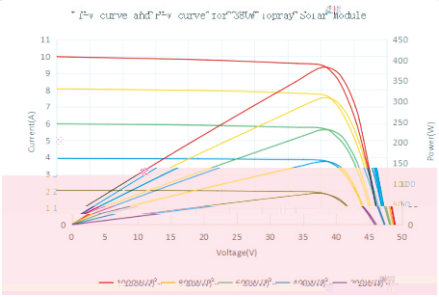


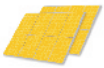
	TPS-M6U(72)-xxxW									
	335W	340W	345W	350W	355W	360W	365W	370W	375W	380W
	9.32A	9.35A	9.41A	9.5A	9.6A	9.7A	9.8A	9.85A	9.9A	9.95A
	47.0V	47.1V	47.3V	47.5V	47.7V	47.9V	48.1V	48.2V	48.3V	48.4V
	8.8A	8.91A	9.03A	9.16A	9.28A	9.38A	9.48A	9.54A	9.6A	9.66A
	38.1V	38.2V	38.2V	38.2V	38.3V	38.4V	38.5V	38.8V	39.1V	39.35V
	19.71%	20.0%	20.3%	20.59%	20.89%	21.18%	21.48%	21.77%	22.06%	22.36%
	17.3%	17.56%	17.82%	18.07%	18.33%	18.59%	18.85%	19.11%	19.37%	19.62%
	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%
	242.81W	246.43W	250.06W	253.68W	257.3W	260.93W	264.55W	268.18W	271.8W	275.42W
	7.61A	7.63A	7.68A	7.75A	7.83A	7.92A	8.0A	8.04A	8.08A	8.12A
	43.43V	43.52V	43.71V	43.89V	44.07V	44.26V	44.44V	44.54V	44.63V	44.72V
	6.9A	6.98A	7.08A	7.19A	7.27A	7.35A	7.44A	7.48A	7.52A	7.58A
	35.2V	35.3V	35.3V	35.3V	35.39V	35.48V	35.57V	35.85V	36.13V	36.36V

	44±2°C
	-0.4%/K
	-0.37%/K
	0.05%/K

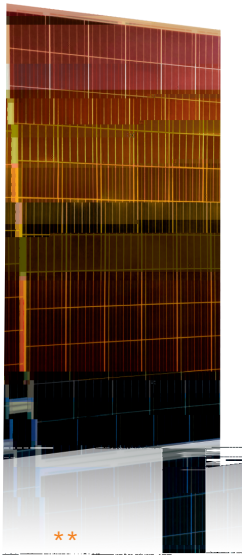
	20'GP	40'GP	40'HQ
	270	648	696

	C 1000V/1500V
	5A
	21.5A
	5400Pa
	40~+85°C
	3





TPS-P6U



0-3%) ,

TUV

SNOWZONE III 2400Pa

5400Pa

PID

800°c

SpecialPVModule Insurances

“ ”

kWh / kWratio 2-3

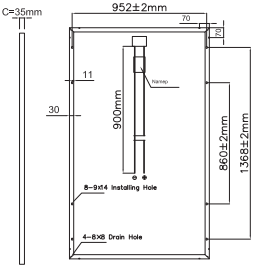
0

2
%

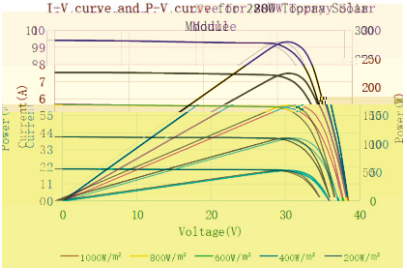
5
%

cycle

MECHANICAL DRAWINGS



	TPS-P6U(60)-xxxW			
	265W	270W	275W	280W
	8.99A	8.90A	9.00A	9.38A
	37.9V	38.10V	38.30V	38.50V
	8.49A	8.60A	8.70A	9.0A
	31.20V	31.40V	31.60V	31.20V
	18.16%	18.60%	18.84%	19.18%
	16.24%	16.60%	16.86%	17.16%
	0/+3%	0/+3%	0/+3%	0/+3%
	192.07W	195.7W	199.3W	202.9W
	7.34A	7.26A	7.34A	7.65A
	35.02V	35.2V	35.39V	35.57V
	6.66A	6.74A	6.83A	7.06A
	28.83V	29.01V	29.20V	28.74V

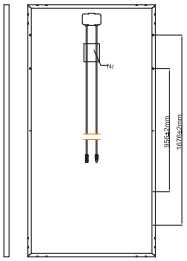


OnGrid Crystalline - Standard

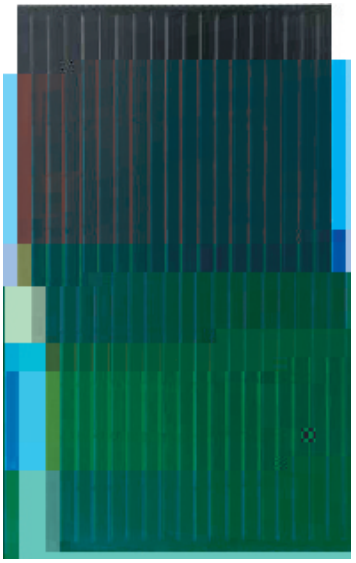
TPS-P6U(72)

TOPRAY Solar

MECHANICAL DRAWINGS



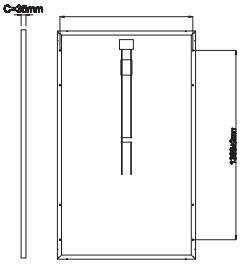
	TPS-P6U(72)-xxxW				
	320W	325W	330W	335W	340W
	9.03A	9.15A	9.21A	9.29A	9.4A
	45.60V	45.70V	45.90V	46.1V	46.2V
	8.61A	8.73A	8.85A	8.93A	9.1A
	37.20V	37.30V	37.3V	37.52V	37.4V
	18.27%	18.56%	18.84%	19.13%	19.41%
	16.53%	16.78%	17.04%	17.3%	17.56%
	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%
	231.90W	235.56W	239.18W	242.80W	246.43W
	7.37A	7.47A	7.52A	7.58A	7.67A
	42.13V	42.23V	42.41V	42.60V	42.69V
	6.75A	6.83A	6.94A	7.00A	7.13A
	34.37V	34.47V	34.47V	34.67V	34.56V



TPS-M6U(Black)

OnGrid Crystalline - Black TPS-M6U(60)(Black)

MECHANICAL DRAWINGS



	TPS-M6U(60)-xxxW						
	280W	285W	290W	295W	300W	305W	310W
	9.35A	9.4A	9.50A	9.60A	9.72A	9.80A	9.9A
	39.4V	39.50V	39.60V	39.70V	39.80V	40.0V	40.2V
	8.90A	9.0A	9.10A	9.22A	9.34A	9.42A	9.53A
	31.50V	31.70V	31.9V	32.0V	32.13V	32.40V	32.53V
	19.77%	20.12%	20.48%	20.83%	21.18%	21.53%	21.89%
	17.16%	17.47%	17.77%	18.08%	18.39%	18.69%	19.00%
	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%
	202.94W	206.57W	210.19W	213.82W	217.44W	221.06W	224.69W
	7.63A	7.67A	7.75A	7.83A	7.93A	8.00A	8.08A
	36.41V	36.50V	36.59V	36.68V	36.78V	36.96V	37.14V
	6.97A	7.05A	7.13A	7.23A	7.32A	7.38A	7.48A
	29.11V	29.29V	29.48V	29.57V	29.69V	29.94V	30.06V

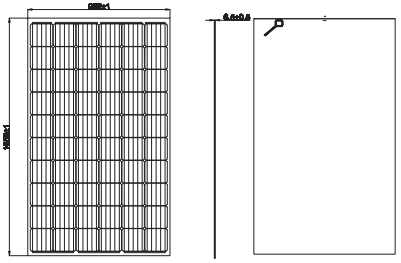
TPS-M6U(60B)

1 Cells
2 Encapsulating Material
3 Tempered Glass

OnGrid Crystalline - Double Glazed TPS-M6U(60B)

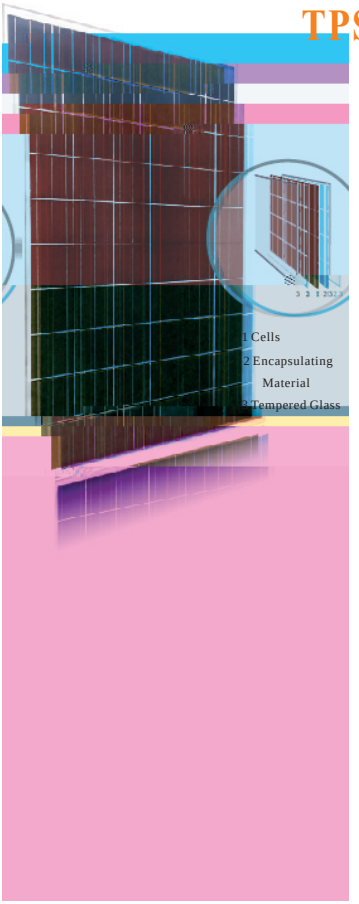
TOPRAY Solar

MECHANICAL DRAWINGS



	TPS-M6U(60B)-xxxW						
	280W	285W	290W	295W	300W	305W	310W
	9.35A	9.4A	9.50A	9.60A	9.72A	9.80A	9.9A
	39.4V	39.50V	39.60V	39.70V	39.80V	40.0V	40.2V
	8.90A	9.0A	9.10A	9.22A	9.34A	9.42A	9.53A
	31.50V	31.70V	31.9V	32.0V	32.13V	32.40V	32.53V
	19.77%	20.12%	20.48%	20.83%	21.18%	21.53%	21.89%
	17.16%	17.47%	17.77%	18.08%	18.39%	18.69%	19.00%
	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%	0/+3%
	202.94W	206.57W	210.19W	213.82W	217.44W	221.06W	224.69W
	7.63A	7.67A	7.75A	7.83A	7.93A	8.00A	8.08A
	36.41V	36.50V	36.59V	36.68V	36.78V	36.96V	37.14V
	6.97A	7.05A	7.13A	7.23A	7.32A	7.38A	7.48A
	29.11V	29.29V	29.48V	29.57V	29.69V	29.94V	30.06V

TPS-P6U(60B) Double Glazed Module

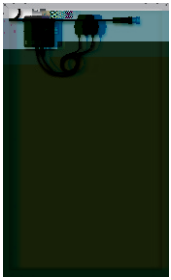


MECHANICAL DRAWINGS

	270W	275W	280W
	8.90A	9.00A	9.38A
	38.10V	38.30V	38.50V
	8.60A	8.70A	9.0A
	31.40V	31.60V	31.20V
	18.60%	18.84%	19.18%
	16.60%	16.86%	17.16%
	0/+3%	0/+3%	0/+3%
	195.7W	199.3W	202.9W
	7.26A	7.34A	7.65A
	35.2V	35.39V	35.57V
	6.74A	6.83A	

	156x156mm
	60 6x10
(AxBxC)	1640x992x40mm
	18.6kg
	3.2mm
	IP65
	MC4
	TUV 900mm 4.0mm²

MECHANICAL DRAWINGS



(STC:1000W/m², 25℃,AM1.5)

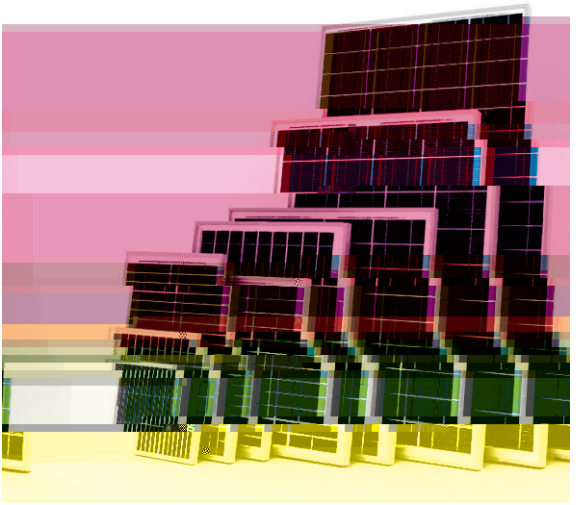
	TPSP6D-Topray Universal
STC的最大功率(Pmax)	250W
(ISC)	8.76A
(Voc)	37.30V
(Impp)	8.25A
(Vmpp)	30.30V
	15.37%
	0/+3%

(NOCT)	44±2℃
(γ)	-0.41%/K
Voc的温度系数(β)	-0.32%/K
Isc的温度系数(α)	0.05%/K

	DC 1000V
	16A
	21.5A
IEC 61215	5400Pa
	-40~+85℃
	6

	250Wp
	12V-60V
MPPT	30V-50V
	65V
	10.5A
	25V
	Single phase
	250W
	250VA
	230V
	180V-264V
	1.3A
	3A
	50Hz
	48Hz-52Hz
	>0.995
	17
	96.5%
	95.4%
	<50mW

Off Grid Crystalline Solar Panel 5W-240W



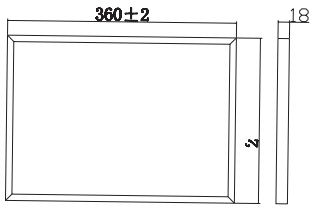
- ☼
- ☼
- ☼
- ☼
- ☼
- ☼
- ☼ EVA（乙
- ☼ Tedlar
- ☼
- ☼ kWh / kWr 2-3%的
- ☼ “ ”
- ☼ 100 EL

		-40 to +85
		-40 to +85

	a(Isc)	+0.05%/K
	B(Voc)	-0.32%/K
	Y(Wp)	-0.41%/K

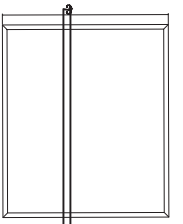
	5W	5W
	22.68V	22.68V
	0.29A	0.29A
	19.08V	19.08V
	0.26A	0.26A
	36Pcs	
	234 X 214 X 18mm	
	0.9KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	

	10W	10W
	22.68V	22.68V
	0.57A	0.57A
	19.08V	19.08V
	0.53A	0.53A
	36Pcs	
	360 X 260X 18mm	
	1.2KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	



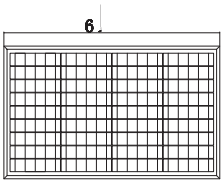
Off Grid Crystalline Solar Panel 5W-240W

	20W	20W
	22.68V	22.68V
	1.14A	1.14A
	19.08V	19.08V
	1.05A	1.05A
	36Pcs	
	360 X 418X 18mm	
	1.4KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	



	30W	35W
	22.68V	22.68V
	1.7A	1.98A
	19.08V	19.08V
	1.57A	1.84A
	36Pcs	
	360 X 650X 18mm	
	2.6KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	

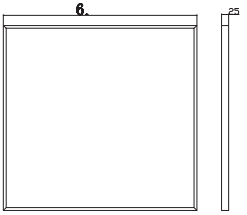
	40W	45W
	22.68V	22.68V
	2.3A	2.54A
	19.08V	19.08V
	2.1A	2.36A
	36Pcs	
	680 X 418X 25mm	
	3.2KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	



	55W	60W
	22.68V	22.68V
	3.11A	3.39A
	19.08V	19.08V
	2.89A	3.15A
	36Pcs	
	680 X 536X 25mm	
	3.5KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	

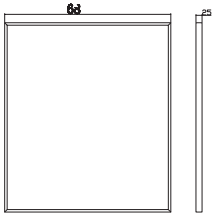
Off Grid Crystalline Solar Panel 5W-240W

	65W	70W
	22.68V	22.68V
	3.68A	3.96A
	19.08V	19.08V
	3.41A	3.67A
	72Pcs	
	680 X 650X 25mm	
	4.5KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	

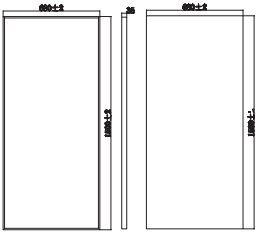


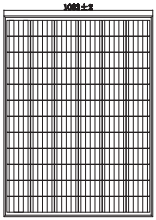
	80W	80W
	22.68V	22.68V
	4.53A	4.53A
	19.08V	19.08V
	4.2A	4.19A
	36Pcs	
	680 X 775X25mm	
	5.5KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	

	90W	100W
	22.68V	22.68V
	5.1A	5.56A
	19.08V	19.08V
	4.72A	5.24A
	36Pcs	
	680X775X 25mm	680X847X 35mm
	5.5KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	



	105W	120W
	22.68V	22.68V
	5.93A	6.78A
	19.08V	19.08V
	5.5A	6.29A
	72Pcs	
	680 X 1032X 35mm	
	7.2KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm	



Off Grid Crystalline Solar Panel 5W-240W

	210W	240W
	45.3V	45.3V
	5.94A	6.8A
	38.1V	38.1V
	5.51A	6.3A
	72Pcs	
	680X775X 25mm	680X847X 35mm
	11KG	
	1000W/m² AM1.5 25℃	
	+/-5%	
	+/-2mm