

# Specification

客户名称: \_\_\_\_\_

Product Name: 170W 柔性组件

Model: TPS-FLX-DF170

Date : 2021-3-6

制作	审核	客户承认
刘拴平		

# SHENZHEN TOPRAY SOLAR CO., LTD

**Model:** TPS-FLX-DF170

SOLAR CELL : DF Technology	CELL SIZE: 158.75*158.75MM	Type Of Cell: Adopt DF technology with high conversion efficiency
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Production Process: flexible packaging technique

项目	S/N.	Description	Remark
SIZE	1	Panel length	1370MM (-2, +2) MM
	2	Panel width	700MM (-2, +2) MM
	3	Panel thickness	2.5 (-0.5, +0.5) MM
	5	Junction box	Glue type, 4.0sq.mm cable, 0.9m length with MC4 plug
Appearance	1	scratch	No obvious scratches or damage on the surface
	2	Solar Cell color	No obvious different color on the surface
	3	Subfissure	No subfissure affecting performance
	4	Cell broken	The cell intact ,no any broken affecting performance
	5	Cell array	Uniform
	6	Foreign matter	A white spot < 1CM in diameter or a bubble < 2MM in diameter and no obvious foreign body are allowed per square meter. The minimum distance between cell cells is > 0.2mm, the back is flat, and the back film is not allowed to have penetrating scratches
Output  Flash tested at STC	1	Power (W)	170W (+/-5%)
	2	Voltage (Uoc)	21.12V
	3	Short-Current (Isc)	10.32A
	4	working voltage(vm)	17.92V
	5	working current(im)	9.48A
	6	Cell efficiency	≥22%
	7	Cell connect	32 片 welding
	8	Testing Conditions	AM1.5,1000W/m²,25°C
Working conditions	1	Working temperature	-40-+85°C
Life time: 25 years			

Design Drawing

