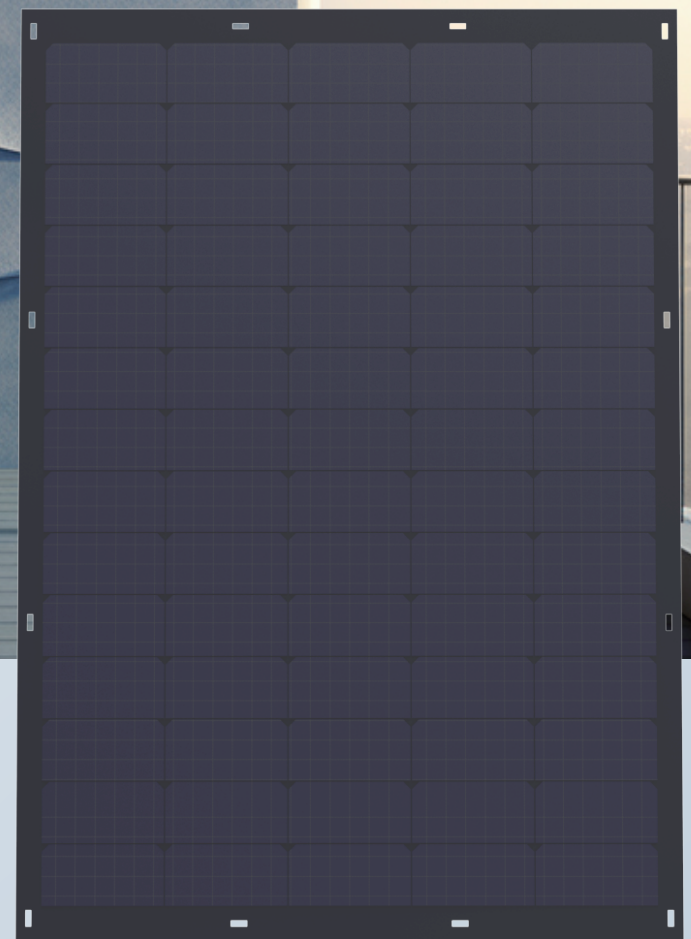


200W Flexible PV Panel



MWT Mono PERC Flexible Module Orion 200 Black



Light, Thin design

3.4kg weight, match various requirements for low-load projects



Full Black

All black design for more elegant applications



Ultra Flexible

Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.30m, fit all kinds of curved surface perfectly



High Efficiency And Reliability

Busbar-free design increases cell conversion efficiency, more power output can be achieved at low irradiance conditions



Convenient Installation

Easy installation and convenient transportation with lower cost



Lead-free

Eco-friendly PV design achieves lead-free MWT module without soldering materials

SPEC/MODEL	UNIT	SPP200QH70S	SPP205QH70S
ELECTRICAL CHARACTERISTICS AT STANDARD TEST CONDITIONS(STC)			
Max-Power (Pm)	W	200	205
Power Tolerance	W	0~+5	
Max-Power Voltage (Vm)	V	19.8	20.0
Max-Power Current (Im)	A	10.11	10.25
Open-Circuit Voltage (Voc)	V	23.9	24.1
Short-Circuit Current (Isc)	A	10.65	10.81
Effective Module Efficiency (ηm)	%	17.5	17.9
STC: AM=1.5, Irradiation 1000W/m², Module Temperature 25°C			
ELECTRICAL CHARACTERISTICS AT NOMINAL MODULE OPERATING TEMPERATURE (NMOT)			
Max-Power (Pm)	W	145	149
Max-Power Voltage (Vm)	V	18.3	18.5
Max-Power Current (Im)	A	7.93	8.06
Open-Circuit Voltage (Voc)	V	22.0	22.2
Short-Circuit Current (Isc)	A	8.58	8.71
NMOT: Irradiation 800W/m², Ambient temperature 20°C, Wind Speed 1m/s			
TEMPERATURE COEFFICIENT			
Nominal Module Operating Temperature	43±2°C		
Temperature coefficient of Pmax	-0.36%/°C		
Temperature coefficient of Voc	-0.28%/°C		
Temperature coefficient of Isc	0.06%/°C		
MECHANICAL CHARACTERISTICS			
Installation Module Dimension (L×W×H)	1270mm×900mm×2.5mm		
Weight	3.4 kg		
Back material	Back Sheet(black)		
Cell (quantity / material / type / dimensions)	70(5×14) / Mono / 166*83mm / ϕ223mm		
Frame	-		
Junction box (protection degree)	IP68		
Cable (length/cross-section area)	Customizable/ 4mm²		
Connector	MC4 Compatible		