

# Solarfennel Corp.

## MS9A-260-265



### Electrical Data

MONO-125mm Solar cells	MS9A-260	MS9A-265
Nominal peak power(Pmax)	260Wp	265Wp
Maximum power voltage(Vmp)	49.5V	49.8V
Maximum power current(Imp)	5.25A	5.33A
Short-circuit current(Isc)	5.63A	5.66A
Open circuit voltage(Voc)	60V	60.6V
Optimized cell efficiency( $\eta$ )	18.00%	18.40%

**Power Tolerance: 0 ~ +3%**

### Limits

Operating temperature	-40°C to +85°C
Maximum system voltage (IEC/UL standard)	1000VDC/600VDC

### Temperature and Coefficients

NOCT	48°C±2°C	
Current temperature coefficient	%/°C	0.05
Voltage temperature coefficient	%/°C	-0.33
Power temperature coefficient	%/°C	-0.34

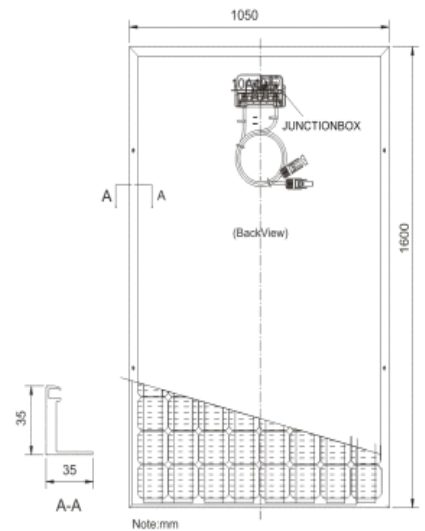
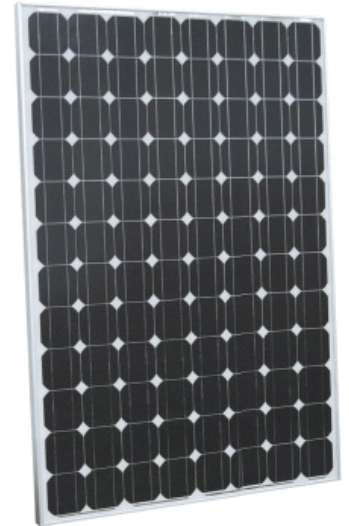
NOCT:Nominal Operation Cell Temperature

### Additional Data

Number of cells and type of connection	96,serial connection	
Dimensions	Length:1600mm Width:1050mm Height:35mm	
Net weight	21.0kgs/pc	
Gross weight	623kgs/ctn(28pcs/ctn) 46kgs/ctn(2pcs/ctn) 1370lbs/ctn(28pcs/ctn) 101lbs/ctn(2pcs/ctn)	
Package dimension	1655x1140x1198mm 1618x1080x110mm 65"x45"x47" 64"x43"x4.5"	
Container loading	784PCS/40'HQ 28PCS/PALLET 252PCS/20'GP 2PCS/CTN	

STC: Irradiance of 1000W /m2, Air Mass of 1.5, Cell Temperature of 25°C

Guaranteed Power Output Warranted Tolerance: ±5%	15 year:90% of its nominal power rating
	25 year:80% of its nominal power rating
Impact Resistance	Can bear the force that is generated by one 227g steel ball fall down from 1m height
Warranty period	10 years:Materials and workmanship defects
Certificates	UL1703/CSA, CEC.
Cells	Molycrystalline silicon photovoltaic cell



### Characteristics

Module Graph 260W

