



### High conversion efficiency



Module efficiency up to 21.3% achieved through advanced cell technology and manufacturing process

### **Excellent weak light performance**



More power output in weak light condition, such as cloudy, morning and sunset



### **Extended mechanical performance**

Module certified to withstand extreme wind (2400 Pa) and snow loads (5400 Pa)

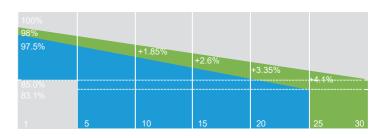


### **Quality guarantee**

High module quality ensures long-term reliability

# 530-550W

### **HY-DH144P8** 144 HALF-CELL BIFACIAL MODULE



First year power degradation

and processing

warranty for materials

Annual power degradation



warranty for extra linear power output







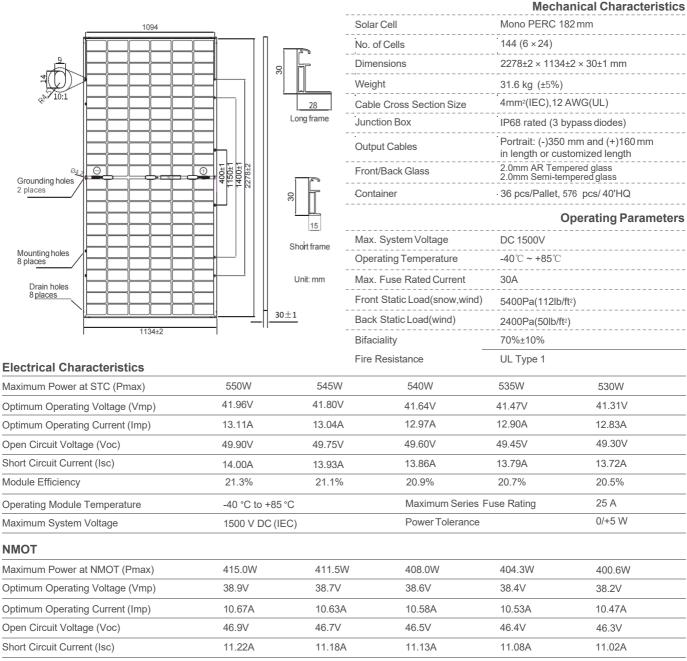


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## HY-DH144P8 530-550W



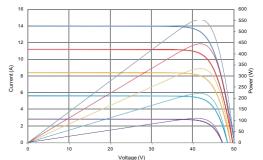
Irradiance 800 W/m², ambient temperature 20 °C, AM=1.5, wind speed 1 m/s.

### Electrical Characteristics with Different Rearside Power Gain (Reference to 540W Front)

Rearside Power Gain	5%	15%	25%
Maximum Power at STC (Pmax)	567W	621W	675W
Optimum Operating Voltage (Vmp)	41.8V	41.8V	41.9V
Optimum Operating Current (Imp)	13.59A	14.88A	16.18A
Open Circuit Voltage (Voc)	49.5V	49.5V	49.6V
Short Circuit Current (Isc)	14.48A	15.86A	17.24A
Module Efficiency	21.9%	24.0%	26.1%

### **Temperature Characteristics**

Nominal Module Operating Temperature (NMOT)	42 ± 2 °C
Nominal Cell Operating Temperature	45 ± 2 °C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.304%/°C
Temperature Coefficient of Isc	0.050%/°C



Current-Voltage & Power-Voltage Curve (550S)

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