

HYP-230W Series

MECHANICAL CHARACTERISTICS

Solar Cell	Polycrystalline 156mm×156mm
No. of Cells	60 (6×10)
Dimension	1640mm×992mm×50mm
Weight	22.5Kg
Front Glass	3.2 mm high transmission tempered glass
Frame	Anodized aluminum alloy
Junction Box	Ip67 rated



ELECTRICAL CHARACTERISTICS

STC	HYP230W	HYP225W	HYP220W	HYP215W	HYP210W	HYP205W
Optimum Operation Voltage (Vmp)	30.0V	29.9V	29.8V	29.6V	29.5V	29.2V
Optimum Operation Current (Imp)	7.67A	7.53A	7.39A	7.27A	7.12A	7.03A
Open-Circuit Voltage (Voc)	36.51V	36.39V	36.27V	36.02V	35.90V	35.54V
Short-Circuit Current (Isc)	8.44A	8.29A	8.12A	7.99A	7.83A	7.72A
Maximum Power at STC (Pmax)	230Wp	225Wp	220Wp	215Wp	210Wp	205Wp
Module Efficiency	13.9%	13.6%	13.3%	13.0%	12.7%	12.4%
Operating Temperature	-40℃ to +85℃	-40℃ to +85℃	-40℃ to +85℃	-40℃ to +85℃	-40℃ to +85℃	-40℃ to +85℃
Maximum System Voltage	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC
Maximum Series Fuse Rating	15 A	15 A	15 A	15 A	15 A	15 A
Power Tolerance	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W

STC: Irradiance 1000 W/m², module temperature 25℃, AM=1.5

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2℃
Temperature Coefficient of Pmax	-0.47%/℃
Temperature Coefficient of Voc	-0.34%/℃
Temperature Coefficient of Isc	0.045%/℃

Packing Configuration

Container	20' GP	40' GP
Pieces per pallet	40	40
Pallets per container	6	12
Pieces per container	240	480

