

NEUTON POWER

POLYCRYSTALLINE MODULES



MODULE	NPV15	NPV30	NPV55	NPV100	NPV160
Electrical Characteristics STC					
Maximum Power at STC (Pmax)	15W	30W	55W	100W	160W
Maximum Power Voltage (Vmp)	18.0V	18.0V	18.2V	18.5V	18.4V
Maximum Power Current (Imp)	0.83A	1.67A	2.78A	5.56A	8.89A
Open-circuit Voltage (Voc)	21.8V	22.0V	22.2V	22.4V	22.6V
Short-circuit Current (Isc)	0.88A	1.75A	2.92A	5.85A	9.36A
Maximum system voltage	600V	600V	600V	600V	1000V
Power tolerance -1%~+3%	0 to +3%	0 to +3%	0 to +3%	0 to +3%	0 to +3%
Nominal Operating cell temperature (NOCT) 45	45±2 °C	45±2°C	45±2°C	45±2°C	45±2°C
Mechanical Data					
Cell Type	Polycrystalline	Polycrystalline	Polycrystalline	Polycrystalline	Polycrystalline
No of Cells	36pcs	36pcs	36pcs	36pcs	36pcs
Dimensions (mm)	385 x 350 x 25mm	656 x 350 x 25mm	670 x 530 x 30mm	1020 x 670 x 35mm	1476 x 670 x 35mm
Weight (Kg)	1.8Kg	2.2Kg	4Kg	8Kg	12Kg