

# Technical Specifications

Model	NSTPV-100	NSTPV-90	NSTPV-75	NSTPV-60
Transparency (Visible light Transparency %)	10	20	30	40
Wattage (Wp)	100	90	75	60
Vmp (Voltage At Max Power)	78	77	76	74
Voc (Open Circuit Voltage)	100	100	98	94
Imp (Current At Max Power)	1.29	1.17	0.97	0.81
Isc (Short-Circuit Current)	1.161	1.43	1.20	0.98
Max System Voltage (VDC)	1000			
Temperature coefficients (%Deg.C)	Power = (-) 0.20 ; Voltage = (-) 0.32 ; Current = 0.14			
Reflectance (Outdoor)	16.1%			
Reflectance (Indoor)	8.4%			
Junction Box	IP 65 with inbuilt bypass diode Backside type (Standard) / Edge type optional			
Dimensions	1400 X 1100 (Standard) / (Custom sizes may be possible for large quantities)			
Thickness (mm)	6.8 mm (Standard) / 9 mm (Optional)			
Weight (Kg.)	25.5 (6.8 mm thickness) / 33.5 (9 mm thickness)			
U-value (W/sq. Mtr. K)	5.2			
SHOC	0.28			
Shading coefficient (SC)	0.31			
Colors (Standard)	Brown			
Colors (Optional) **	Grey / Red / Blue / Green / Yellow			
Operating Temperature (Deg. C)	-40 to +85			

\*\*Other options are also possible based on larger quantity on project based on requirements.

Specifications, product shape, look are subject to change without prior notice.