

# AERO-220W Topcon Solar Panel

# SKANBATT

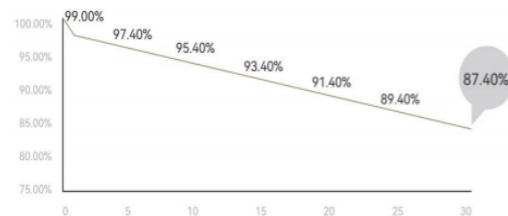


ELECTRICAL DATA (STC)	
Model Number	AERO-220W
Rated Power in Watts-Pmax(Wp)	220
Open Circuit Voltage-Voc(V)	23.3
Short Circuit Current-Isc(A)	12.35
Maximum Power Voltage-Vmpp(V)	19.8
Maximum Power Current-Impp (A)	11.12
Power Tolerance	0~+3%

STC: Irradiance 1000W/m, AM1.5 spectrum, module temperature 25°C

MECHANICAL DATA	
Solar cells	N type Topcon 210x130mm cell
No. of cells and connections	3*11=33pcs
Product size	1580*680*40mm
Net weight	12.5kg
Superstrate	Tempered glass 3.2mm
Substrate	TPT black backsheet
Frame	Anodized Aluminium Alloy type 6063T5, black color
J-Box	IP67
Cables	4mm2 7m cable without connectors
Series fuse rating	20A
Application Class	Class A

1st year <1%, 0.4% power degradation per year from 2 to 30 years



Nominal Module Operating Temperature(NMOT)	47+2°C
Operating temperature limits	-40°C to +85°C
Coefficient current TK	0.065±0.015%/°C
Coefficient voltage TK	-(80±10)mV/°C
Maximum System Voltage	1000VDC
Max Series Fuse Rating	15A
Test temperature	25 ± 2°C