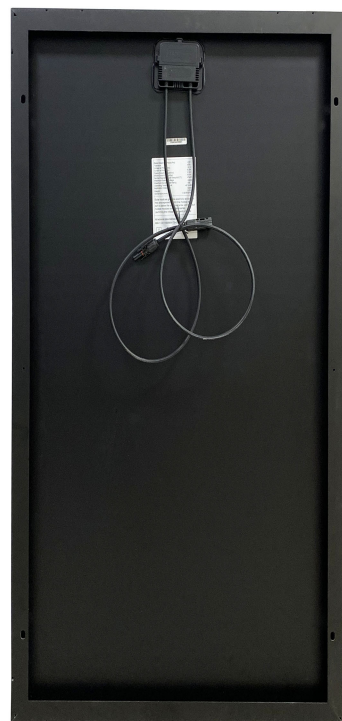
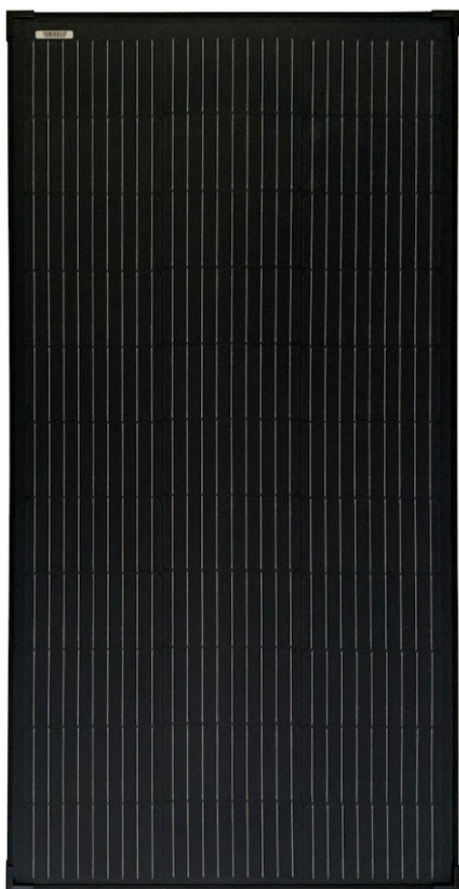


220W Mono Solar Panel

SKANBATT



ELECTRICAL DATA (STC)

Model Number	HIGHVOLT220W
Rated Power in Watts-Pmax(Wp)	220
Open Circuit Voltage-Voc(V)	30.16
Short Circuit Current-Isc(A)	9.54
Maximum Power Voltage-Vmpp(V)	25.65
Maximum Power Current-Impp (A)	8.58
Power Tolerance	0~+3%

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

MECHANICAL DATA

Solar cells	210mm MBB Mono-crystalline
No. of cells and connections	3*15=45pcs
Product size	1660*680*35mm
Net weight	13.5kg
Superstrate	Tempered glass 3.2mm
Substrate	TPT black backsheet
Frame	Anodized Aluminium Alloy type 6063T5, black color
J-Box	IP68
Cables	4mm ² 90cm cable with MC4 connectors
Series fuse rating	15A
Application Class	Class A

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

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

