

Nya generationens solpaneler



Features

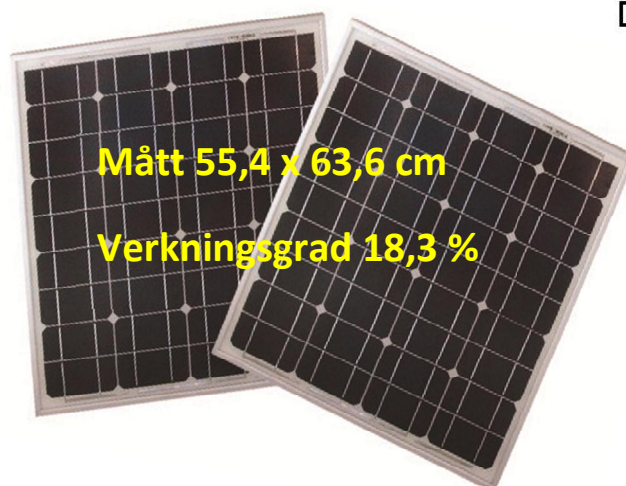
- High conversion efficiency 18,3 %
- Low power tolerance of $\pm 3\%$
- Low degradation under light exposure
- Can withstand high wind-pressure, snow load and extreme temperature

Quality and Safety

- 5-year warranty on product materials and processing technology
- Power output warranty: 10 years: 90%, 25 years: 80%
- ISO 9001:2008 (Quality Management System) certified factory

Applications

- Off-grid system
- Other off-grid applications



Högeffektiv solcellspanel med högsta verkningsgrad Monokristallin 50 Watt



Specifications

Model Type	ODA50-18-M	ODA45-18-M	ODA40-18-M
Peak Power(Pmax)	50	45	40
Maximum Power Voltage(Vmp)	18.72	18.46	17.85
Maximum Power Current(Imp)	2.67	2.44	2.24
Open Circuit Voltage(Voc)	22.83	22.51	21.77
Short Circuit Current(Isc)	2.94	2.68	2.46
Module Efficiency (%)	14.2	12.8	11.4
Maximum System Voltage (V)		1000	
Maximum Series Fuse Rating (A)		10	
Power Tolerance		$\pm 3\%$	
Pmax Temperature Coefficients (W/°C)		-0.435%	
Voc Temperature Coefficients (V/°C)		-0.35%	
Isc Temperature Coefficients (A/°C)		0.043%	
NOCT Nominal Operating Cell Temperature (°C)		47 \pm 2	
Operating and Storage Temperature (°C)		-40 ~ +85	
Standard Test Condition (STC)		1,000W/m ² ; AM 1.5; 25°C	

Mechanical characteristics & Packaging

Cell Type	Mono-crystalline 125x62.5mm
No. of Cells	36(4x9)
Dimensions	554x636x25mm
Weight	4.2kgs
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output cables	TUV 1X4mm ² , length 90cm

Dimensions

