



Your Smart Energy Supplier

Electrical Characteristics

Model	YS50M-36	YS60M-36	YS70M-36	YS80M-36	YS100M-36
Solar Cell	Mono crystalline cell	Mono crystalline cell	Mono crystalline cell	Mono crystalline cell	Mono crystalline cell
Max-Power Pm(W)	50W	60W	70W	80W	100W
Max-Power Voltage Vmp (V)	18V	18V	18V	18V	18V
Max-Power Current Imp (A)	2.85A	3.35A	3.95A	4.45A	5.55A
Open-Circuit Voltage Voc (V)	22V	22V	22V	22V	22V
Short-Circuit Current Isc (A)	3.02A	3.53A	4.16A	4.67A	5.82A
Solar Module Efficiency	16.58%	16.58%	16.58%	16.81%	17.55%
Dimension (mm)	670*450*25mm	670*540*25mm	670*630*25mm	670*710*30mm	670*850*30mm

Weight (kg)

Mechanical Characteristics

Tolerance	0~+3%
Junction box	IP67 Rated
Glass type	Low Iron,tempered glass,3.2mm thickness
Frame	Anodized Aluminium Alloy
Operating Temperature	-40~+80℃
Storage Temperature	-40~+80℃
Maximum system voltage	DC600V
Temperature coefficient of Voc(%/K)	-0.29%/℃
Temperature coefficient of Isc(%/K)	0.048%/℃
Temperature coefficient of Pmax(%/K)	-0.39%/℃
Normal operating cell temperature	45±2℃

STC:Irradiance 1000W/m, Cell Temperature 25 ℃, AM=1.5

NOCT: Irradiance 800w/mAmbint Temperature 20℃ , AM=1.5,Wind Speed 1m/s

Power measurement tolerance: ± 3%

The company reserves the final right for explanation on any of the information presented hereby.Yangze Solar.