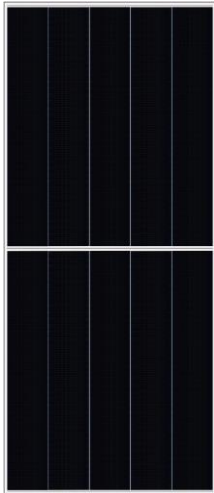


FGETS40-55PH

Monocrystalline shingled solar module 单晶叠瓦太阳能组件

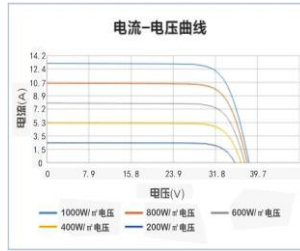
Picture of real products 实物图



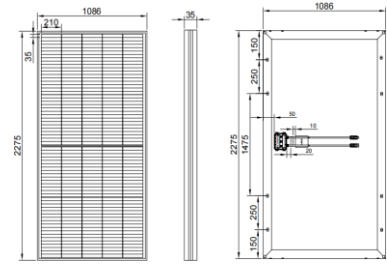
(Two boxes=One pallet)

32pcs/box,20pcs/pallet,640 pcs/40'HC Container

Current-Curves曲线图



Engineering Drawings 装配图



Mechanical Characteristics机械性能

Cell Type	Monocrystalline shingled 210x35mm
Cell Number	2x(5x33)
Dimensions	2275x1086x35mm
Weight	28.96KG
Front Glass	3.2mm,High Transmission,low Iron,Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cable	1*4.0mm <sup>2</sup> ,Length:900mm

Model	FGETS40-45PH	FGETS40-45PH	FGETS40-50PH	FGETS40-50PH	FGETS40-50PH	FGETS40-50PH	FGETS40-55PH					
<b>Electrical Characteristics 电性能</b>												
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax)	410Wp	314Wp	420Wp	322Wp	450Wp	345Wp	460Wp	353Wp	470Wp	360Wp	500Wp	383Wp
Maximum Power Voltage(Vmpp)	30.78V	29.34V	30.78V	29.34V	34.20V	32.60V	34.20V	32.60V	34.20V	32.60V	37.62V	35.86V
Maximum Power Current(Imp)	13.32A	10.72A	13.65A	10.99A	13.16A	10.59A	13.45A	10.83A	13.74A	11.06A	13.29A	10.70A
Open Circuit Voltage (Voc)	37.43V	35.69V	37.43V	35.69V	41.59V	39.66V	41.59V	39.66V	41.59V	39.66V	45.75V	43.63V
Short Circuit Current(Isc)	14.31A	11.33A	14.66A	11.61A	14.13A	11.19A	14.45A	11.44A	14.76A	11.69A	14.27A	11.30A
Power Tolerance(Positive)	3%		3%		3%		3%		3%		3%	
Module Efficiency STC	20.14%		20.63%		19.97%		20.41%		20.86%		20.24%	
Operating Temperature Range	-40°C to +85°C											
Maximum System Voltage	1000V											
Series Fuse Rating	15A											
Temperature Coefficient of Pmax	-0.40%/°C											
Temperature Coefficient of Voc	-0.30%/°C											
Temperature Coefficient of Isc	0.05%/°C											
Nominal Operating Cell Temperature(N)	45±2°C											
<b>Mechanical Characteristics 机械性能</b>												
Cell Type	Monocrystalline shingled 210x210 mm											
Cell Number	2*(5*27)		2*(5*27)		2*(5*30)		2*(5*30)		2*(5*30)		2*(5*33)	
Dimensions (mm)	1875x1086x35		1875x1086x35		2075x1086x35		2075x1086x35		2075x1086x35		2275x1086x35	
Weight(Kgs)	23.86		23.86		26.41		26.41		26.41		28.96	
Front Glass	3.2 mm,High Transmission,Low Iron,Tempered Glass											
Frame Type	Anodized Aluminium Alloy											
Junction Box Protection Class	IP 67 Rated											
Connector Type	MC4											
Output Cables	4.0mm <sup>2</sup> ,Length: 900 mm											
STC:	☀ Irradiance 1000W/m <sup>2</sup>		🌡 Cell Temperature 25°C		☁ AM=1.5							
NOCT:	☀ Irradiance 800W/m <sup>2</sup>		🌡 Ambient Temperature 20°C		☁ AM=1.5		🌬 Wind Speed 1m/s					

\*Remarks:Products specifications are subject to change without notice