

# solar panel 205w Monocrystalline Silicon 156

产品名称	solar panel 205w Monocrystalline Silicon 156
公司名称	中国电子科技集团公司第三十六研究所
价格	9.00/瓦
规格参数	品牌:CETC 型号:NES54-6-205M 化学类型:单晶硅太阳能电池
公司地址	嘉兴市洪兴路387号
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## 产品详情

品牌	CETC	型号	NES54-6-205M
化学类型	单晶硅太阳能电池	使用状态	平板太阳能电池
输出功率	205 ( W )	工作电压	26.3 ( V )
转化效率	15.3 ( % )	填充因子	75.5 ( % )
工作电流	7.79 ( A )	开路电压	44.9 ( V )
短路电流	8.3 ( A )	外形尺寸	1482*992*50
参考重量	16.8 ( kg )	产品认证	CE,TUV
用途	并网系统, 电源, 离网系统		

bitmap			
solar panel data sheet			
description of specification	configuration	units	model
			nes54-6-205m
general data			
nominal power		watts	205
application			dc 24v system
surface maximum load capacity		kg/m2	200
storage & operating temperature		deg c	-40 to +80

standard test conditions			
cell temperature		deg c	25
irradiance		kw/m2	1
air mass			1.5
solar cell			
cell type			mono
wafer diameter		mm2	156x156
number of cells	in series		54 ( 6x9 )
maximum power		watts	190
watt tolerance		%	+/- 3
module conversion efficiency		%	14.2%
encapsulated solar cell efficiency		%	16.95%
voltage & ampereage			
maximum system voltage		volts	1000
maximum operating voltage	vmp	volts	26.3
maximum operating current	imp	amps	7.79
open circuit voltage	voc	volts	44.9
short circuit current	isc	amps	8.3
operational temperatures			
temp coefficient of isc	tk isc	% per deg.c	0.031
temp coefficient of voc	tk voc	% per deg.c	-0.386
temp coefficient of pmax	tk pmax	% per deg.c	-0.53
normal op. cell temp (noct)	mean	deg.c	47 +/- 2
materials & accessories data (all certified by ce and tuv)			
series fuse rating		amps	11
junction box type			gzx
frame (metal)	aluminum	anodized	yes
connectors			ip65
cable			
length		meters	0.9
wire diameter		mm2	4 square mm
glass			
thickness		mm	3.2
low iron,high transmisson,toughness			yes
eva resin		mm	0.5mm
backsheet			
material	tpt	mm	0.3mm
warranty (output)			
10 years		%	90
20 - 25 years		%	80
whole panel		years	3 years
dimensions, packing & loading			
dimensions			
length		mm	1482

	width		mm	992
	height		mm	50
	weight		kg	16.8
	loading capacity in container			
	pieces / container		20"	280
	pieces / container		40"	560
bitmap	other products features	aesthetic	appearance with excellent efficiency.	
		outstanding	performance in low-light	
		high transparent	, low-iron, tempered glass	
		unique & advanced	technology giving the panel good performance	
		ability to withstand	high wind-pressure and snow-load	
		advanced module	sealing technology to eliminate leakage and	
		ability to meet	customized customer ' s specific requirements	
		easy installation	& maintenance	