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Solar Panel Guide Specification Data Sheet

First Sunergy LLC

S-200-210D

S-200D

Also available on the web at
EnergyPal.com/first-sunergy-llc-solar-panels/s-200d

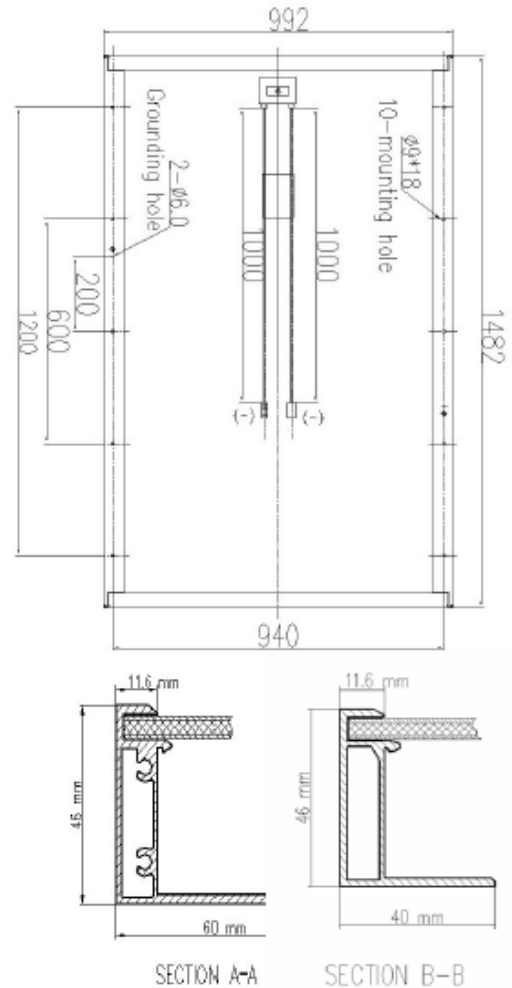
Saturday, January 22, 2011

STC	S-200D	S-205D	S-210D
Nominal peak power	200W	205W	210W
Open circuit voltage	33.2V	33.4V	33.6V
Max. power voltage	26.0V	26.4V	26.8V
Short circuit current	8.24A	8.30A	8.40A
Max. power current	7.69A	7.77A	7.84A
module efficiency	13.6%	13.9%	14.3%
Power output tolerances	±3%		
Max. system voltage	1,000 VDC		
Max. series fuse rating	15A		
Operating temperature	- 40°C to + 85°C		
*Electrical parameters at STC (1,000 W/m ² , 25°C, AM 1.5 according to EN 60904-3)			

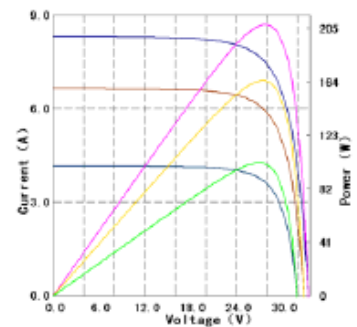
NOCT	S-200D	S-205D	S-210D
Nominal peak power	143W	146W	150W
Open circuit voltage	30.2V	30.4V	30.6V
Max. power voltage	23.1V	23.5V	23.9V
Short circuit current	6.63A	6.69A	6.74A
Max. power current	6.18A	6.23A	6.28A
NOCT	46°C ± 2°C		
*Electrical parameters at NOCT (800 W/m ² , 20°C, AM 1.5 according to EN 60904-3)			

Temperature coefficients	
γ_{Pm}	-0.46%/K
α_{Isc}	0.046%/K
β_{Voc}	-0.34%/K

Mechanical parameters	
Module dimension	1482*992*46(mm)
Weight	20.0kg
Max. wind Load	2400pa
Max. snow Load	5400pa
Cell dimension	156*156
Cell type	54(6*9) / Polycrystalline
Packing method	644pcs/40'HC



Current, power VS voltage characteristics (solar irradiant: 100%, 80%, 50%)



*Design and specifications are subject to change without notice.