



## Approved Solar Energy System

FSEC # S00221C

Approval Date: May 8, 2012

DISTRIBUTOR

SYSTEM

Techno-Solis  
301 20<sup>th</sup> St. South St.  
St. Petersburg, FL 33712

TS-EZ-120-64 Direct

This system was evaluated by the Florida Solar Energy Center (FSEC) in accordance with the Florida Standards Program for Solar Domestic Water and Pool Heating Systems (FSEC Standard 104-10) and was found to meet the minimum standards established by FSEC.

	North	Central	South
The calculated Florida Energy Factors for this system are:	4.4	6.6	7.4

### DESCRIPTION

Collector Manufacturer	FSEC Number	Model Number	Units
1. Ezinc Metal Sanayi ve Ticaret A.S.	00535N	Superline XXL USB	2
2.			
3.			

Tank Manufacturer	Model	Capacity (gal)	Type: Direct
1. Lochinvar	FTA 120	120	
2. Any Equivalent UL Listed Tank	Direct	120	
3.			

Pump Manufacturer	Model Number	Power Draw (Watts)	Type: AC
1. Taco	006BC4	75	
2. March	809-BR	30	
3. Grundfos	UP1518	85	
4. Wilo	Star 8	50	

Controller Manufacturer	Model	Type Differential
1. Goldline	GL-30	
2. Goldline	GL-30LCO	
3. STECA	TRO301U	
4.		

#### Freeze Protection

1. Manual drain down
2. Freeze protection valve





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