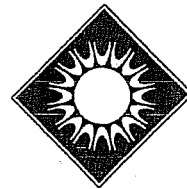


FLORIDA SOLAR ENERGY CENTER

1679 CLEARLAKE ROAD, COCOA, FLORIDA 32922-5703 (321) 638-1000



Approved Solar Energy System

FSEC # S9175

Approval Date: AUG 2006

DISTRIBUTOR	SYSTEM
Alternate Energy Technologies, LLC 1057 N. Ellis Road, Suite 4 Jacksonville, FL 32254	IPV-80-40

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-GP-7-80) and was found to meet the minimum standards established by FSEC.

The calculated Florida Energy Factors for this system are: **North** **South/Central**
3.2 3.5

Description

Collector Manufacturer	Model Number	Units	Total Rating (Btu)
1. Alternate Energy Tech	AE-40	1	34,400
2.			
3.			
4.			

Tank Manufacturer	Model Number	Capacity (gal)	Type: Indirect
1. Richmond Water Heaters	S80HE-1	80	
2. Rheem Water Heaters	81V80-HE-1	80	
3.			
4.			

Pump Manufacturer	Model Number	Power Draw (Watts)	Rated Power
1. March Mfg.	809-BR-24	18	1/100 H.P.
2.			
3.			
4.			

Controller Manufacturer	Model Number	Type: Photovoltaic
1. Yingli Solar	PV-10	
2.		
3.		

Freeze Protection

1. Anti-freeze fluid
- 2.
- 3.

Other Major Components

- 1.
- 2.

If further information is required you may contact the Florida Solar Energy Center at the above address.

INDIRECT "PV" SYSTEM

IPV-80-40

