








Eagle Solar Roof

with SolarBlend™
from **SUNTECH**

	Aesthetics			Power Specs			Product Composition				Durability					Installation			Warranty	
	Product Photo	Panel Type	Color Options	DC STC	PTC	Output/SF	Frame	Cells	Dimensions	Weight	Water proof	Wind Rating	Snow load	Fire	Hail	Walkability	Grounding	Headlap	Installation Professional	Power Warranty
SolarBlend™ from Suntech 50 Watt		Building Integrated Photovoltaic	 gray, brown, terracotta	50 watt	43.40 watt 13.2% drop	11.34 watt	Polycarbonate Plastic Corrosion Free	Polycrystalline Silicon	Overall: 17" x 48" x 1" Exposed: 13.5" x 47" x 1" Tile Area: 5.67 SF Exposed Area: 4.41 SF A shorter length tile aids in better utilization of area available for PV layout and a smaller tile is easier to handle while installing.	16.7 lbs 381 lbs/100 SF	Interlocks with concrete roof tile to help prevent water intrusion. No additional waterproofing required	125 mph with clip attached	200 lbs/SF	2 layers 30 lb felt, 2 layers Elk Versashield FB25 for Class A	1" hail stone at 50 mph	Tiles can be walked on.	Not required due to Polycarbonate Plastic Frame	3.5"	Roofer may install	Yes, 12 years at 90%, 25 years at 80%
Sharp 62 Watt		Building Integrated Photovoltaic	black	62 watt	54.5 watt 12.1% drop	11.84 watt	Black Double Anodized Aluminum	Polycrystalline Silicon	Overall: 15.6" x 59" x 1.3" Tile Area: 6.40 SF Exposed Area 5.24 SF Large panel is difficult to maneuver and install in tight areas.	16.5 lbs 342 lbs/100 SF	Additional water proofing of the roof deck is required.	No listing	50 lbs/SF	Class C	No listing	Tiles cannot be walked on.	Required due to metal frame - extra cost in copper & labor	1"	Only solar professional may install	Yes, 10 years at 90%, 25 years at 80%
BP 65 Watt		Building Integrated Photovoltaic	black	65 watt (58.5W is warranted minimum)	57.2 watt 12.0% drop	11.6 watt	Aluminum - 7 piece frame, pop rivet and screws construction	Multicrystalline Silicon	Overall: 18" x 59.6" x 1.7" Exposed Area: 5.59 SF Large panel is difficult to maneuver and install in tight areas.	16.4 lbs 294 lbs/ 100 SF	Additional water proofing is required. There is no channel to remove water that finds it way under the panel which may result in a water dam leading to roof damage.	110 mph with wind clip batten	No listing	1 ply of 30 lb felt, and 1 layer of Versashield for Class A	1" hail stone at 52 mph	Tiles cannot be walked on.	Required due to metal frame - extra cost in copper & labor	3"	Only solar professional may install	25-year limited warranty of 80% power output; 12-year limited warranty of 90% power output; 5-year limited warranty of materials and workmanship.
SunPower 63 Watt		Building Integrated Photovoltaic	black	63 watt	57 watt 9.5% drop	11.5 watt	Aluminum - multi piece frame, pop rivet and screws construction	Monocrystalline Silicon	Overall: 17" x 59.4" x 1" Exposed Area: 5.48 SF Large panel is difficult to maneuver and install in tight areas.	35 lbs 500 lbs/ 100 SF	Additional water proofing is required. Water damming is a possibility. SunPower covers warrants only the area under the solar panels potentially causing confusion with warranty claims.	110 mph wind rating	No listing	1 layer of 30# and 1 layer of Versashield for Class A	1" hail stone at 50 mph	Tiles cannot be walked on.	Required due to metal frame - extra cost in copper & labor	3.5"	Only solar professional may install	25 year limited power output warranty, 10 year system warranty, 10 year inverter warranty