



Actually the best solar collector in the world
No probably about it !!!

Annual Yield Comparison

	Kloben	Ritter	AMK	Thermomax/ Kingspan	R/Z Solartechnik (Einsiedler)	Xingwang (Greenline)
	Sky 18	CPC 18 OEM	Collectra OPC 15	MS 20 - TMO 500	DF120-6	AKT 18
Test Report	ITW 07COL623/1	ITW 06COL513	SPF C927	SPF C599	SPF C953	SPF C762
Gross Area m ²	3.22	3.41	2.125	2.779	2.446	2.905
Aperture Area m ²	2.84	3	1.716	2.135	1.684	1.708
Aperture/Gross %	88%	88%	81%	77%	69%	59%
Insolation ^[1] kWh/m ² /yr	1146	1146	1230	1230	1230	1230
Energy Gain kWh/m ² /yr (per m ² of Aperture area)	807	726	647	631	701	466
Annual Yield kWh (of each panel)	2292	2178	1110	1347	1180	796
Annual Yield kWh (per m ² of panel)	712	639	522	485	483	274
Annual Yield kWh (per m ² of panel) normalised to insolation ^[2]	621	557	425	394	392	223
Kloben Comparison	100%	90%	68%	63%	63%	36%

[1] Source: NASA Surface meteorology and Solar Energy: Global Data, release 6.0 - Insolation on horizontal surface (1983-2005). <http://eosweb.larc.nasa.gov/cgi-bin/sse/sse.cgi?>
 ITW location: Stötten (Ostalb), Germany
 SPF location: Central Switzerland

[2] Normalised to solar insolation levels of 1000 kWh/m²/yr

