

Technical Data Sheet
According to Regulation (EU) N° 811/2013 and N° 812/2013

Vacuum Tube Collector DF Power

Manufacturer:	AKOTEC Produktionsgesellschaft mbH
Model:	Vacuum Tube Collector DF Power

Specification:	Symbol:					Unit:
Art-Nr.:		19005	19010	19020	19030	

Collector type: OEM Vario		500-5	1000-10	2000-20	3000-30	
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Collector Aperture area	A_{sol}	0,73	1,46	2,93	4,39	m ²
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Optical efficiency	η_0	56	56	56	56	%
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Heat transfer coefficient (linear)	a_1	1,49	1,49	1,49	1,49	W/(m ² *K)
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Heat transfer coefficient (square)	a_2	0,0020	0,0020	0,0020	0,0020	W/(m ² *K ²)
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Incidence angle modifier	IAM	1,19	1,19	1,19	1,19	
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