

OPC gross price list (end-customers) EUROPE

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End-customer price list, prices given exclude VAT

AMK-SOLAC Systems AG

MAXIMUS General Services
Maracineni DN2 / E85 Nr.134, Buzau, Romania
Tel: +4(0) 745 021 755, +4(0) 745 047 317
www.maximusenergy.ro

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OPC 10 optimized
parabolic
collector 

OPC 15 optimized
parabolic
collector 

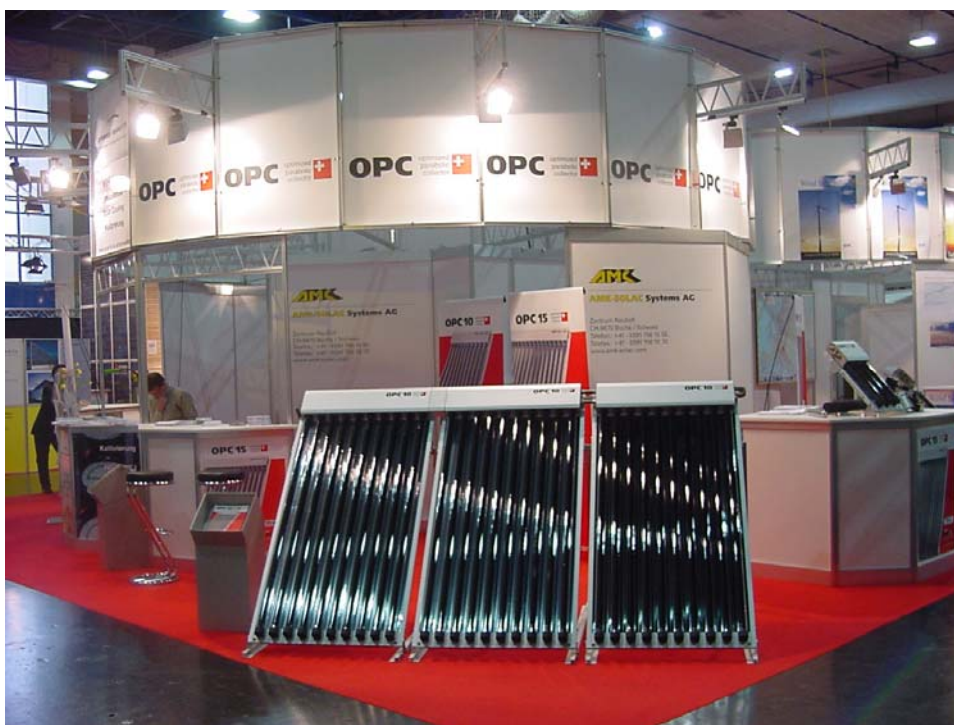
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Collectors / mounting / accessories

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Detailed descriptions can be found in the tender documents

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Product No. Price in EUR
(excl. VAT)

1 OPC collectors

Note:

Modules are delivered pre-assembled



OPC 10 evacuated solar module

10.4007

954.00

- 1.45 m² gross surface area
- 1.15 m² aperture area
- 1.67 m² active absorber area
- 10 tubes, 1505 mm



OPC 15 evacuated solar module

10.4008

1295.00

- 2.13 m² gross surface area
- 1.72 m² aperture area
- 2.51 m² active absorber area
- 15 tubes, 1505 mm



Evacuated tube, 47/37 mm - 1505 mm

10.4022

345.00

(15 pcs. replacement tubes in box)

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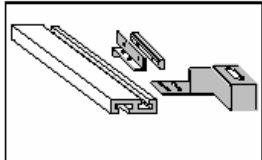
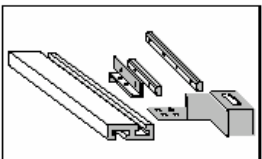
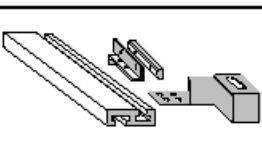
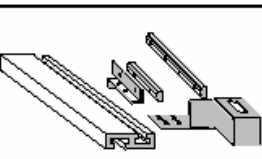
Product No. Price in EUR
(excl. VAT)

2. OPC mounting system

2.1 tiled roof



V2A/ALU stainless steel hooks and mounting angles

 <p>geeignet für OPC 10</p>	<p>Z10 basic tiled roof mounting set</p> <ul style="list-style-type: none"> - 1 set of 4 collector hooks 10.4145 - 4 height-adjustable mounting angles 10.4074 - 1 set of 2 S profiles, length 0.905 m 10.4127 	10.1101	133.00
 <p>geeignet für OPC 10</p>	<p>Z10plus advanced tiled roof mounting set</p> <ul style="list-style-type: none"> - 1 set of 4 collector hooks 10.4145 - 2 height-adjustable mounting angles 10.4074 - 1 set of 2 S profiles, length 0.905 m 10.4127 - 2 profile connectors 10.4139 	10.1102	110.00
 <p>geeignet für OPC 15</p>	<p>Z15 basic tiled roof mounting set</p> <ul style="list-style-type: none"> - 1 set of 4 collector hooks 10.4145 - 4 height-adjustable mounting angles 10.4074 - 1 set of 2 S profiles, length 1.305 m 10.4128 	10.1151	142.00
 <p>geeignet für OPC 15</p>	<p>Z15plus advanced tiled roof mounting set</p> <ul style="list-style-type: none"> - 1 set of 4 collector hooks 10.4145 - 2 height-adjustable mounting angles 10.4074 - 1 set of 2 S profiles, length 1.305 m 10.4128 - 2 profile connectors 10.4139 	10.1152	122.00

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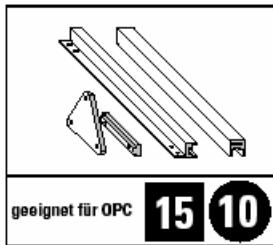
Product No. Price in EUR
(excl. VAT)

OPC mounting system

2.2 flat roof



Aluminium profiles and mounting plates
V2A stainless steel screws



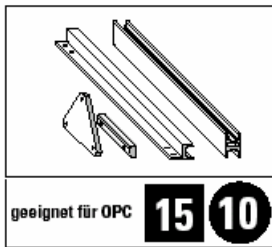
F10/15 basic flat roof mounting system

10.1161

140.00

- 2 single supports, pre-assembled
as a set on the outside
- 4 clamping plates with concrete anchor, nut,
and washer

10.4121



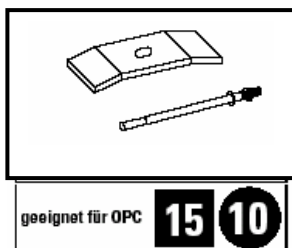
F10/15 advanced flat roof mounting system

10.1162

130.00

- 1 double support, pre-assembled
as a set on the inside
- 2 clamping plates with concrete anchor, nut,
and washer

10.4122



Extra base plate fastening for flat roof mounting

10.4120

8.00

- 1 x clamping plate
- 1 x concrete anchor with nut and washer

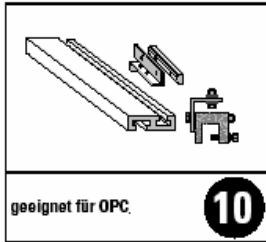
OPC gross price list (end customers)

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OPC mounting system

2.3 folded seam roof

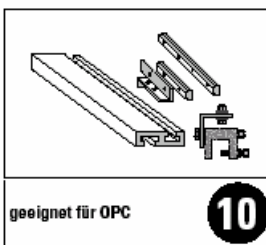
Aluminium profiles and collector hooks
V2A stainless steel screws



B10 basic folded seam roof mounting set

10.1171 127.00

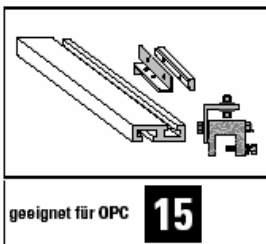
- 1 set of 4 collector hooks 10.4145
- 4 clamping pieces with bracket 10.4141
- 1 set of 2 S profiles, length 0.905 m 10.4127



B10plus advanced folded seam roof mounting set

10.1172 107.00

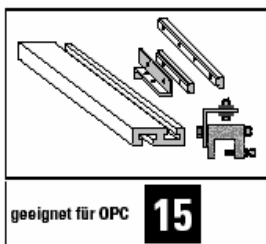
- 1 set of 4 collector hooks 10.4145
- 2 clamping pieces with bracket 10.4141
- 1 set of 2 S profiles, length 0.905 m 10.4127
- 2 profile connectors 10.4139



B15 basic folded seam roof mounting set

10.1571 133.00

- 1 set of 4 collector hooks 10.4145
- 4 clamping pieces with bracket 10.4141
- 1 set of 2 S profiles, length 1.305 m 10.4128



B15plus advanced folded seam roof mounting set

10.1572 117.00

- 1 set of 4 collector hooks 10.4145
- 2 clamping pieces with bracket 10.4141
- 1 set of 2 S profiles, length 1.305 m 10.4128
- 2 profile connectors 10.4139

OPC gross price list (end customers)

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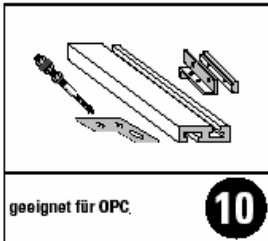
7

Product No. Price in EUR
(excl. VAT)

OPC mounting system

2.4 Eternit roof

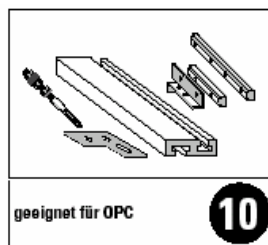
Aluminium profiles and collector hooks
V2A stainless steel bracket plates and screws



E10 basic Eternit roof mounting set

10.1181 137.00

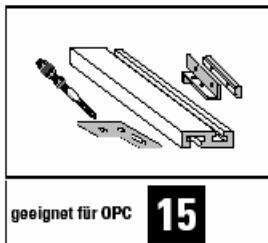
- 1 set of 4 collector hooks 10.4145
- Set of 4 Eternit/wall screws 10.4052
- Set of 4 bracket plates 10.4153
- 1 set of 2 S profiles, length 0.905 m 10.4127



E10plus advanced Eternit roof mounting set

10.1182 115.00

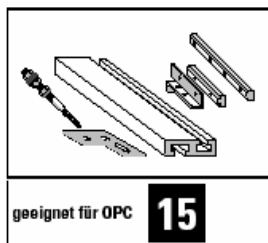
- 1 set of 4 collector hooks 10.4145
- Set of 2 Eternit/wall screws 10.4052
- Set of 2 bracket plates 10.4153
- 1 set of 2 S profiles, length 0.905 m 10.4127
- 2 profile connectors 10.4139



E15 basic Eternit roof mounting set

10.1581 145.00

- 1 set of 4 collector hooks 10.4145
- Set of 4 Eternit/wall screws 10.4052
- Set of 4 bracket plates 10.4153
- 1 set of 2 S profiles, length 1.305 m 10.4128



E15plus advanced Eternit roof mounting set

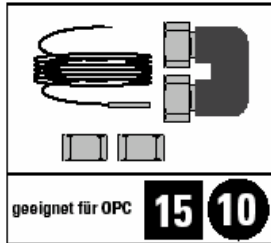
10.1582 123.00

- 1 set of 4 collector hooks 10.4145
- Set of 2 Eternit/wall screws 10.4052
- Set of 2 bracket plates 10.4153
- 1 set of 2 S profiles, length 1.305 m 10.4128
- 2 profile connectors 10.4139

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Product No. Price in EUR
(excl. VAT)

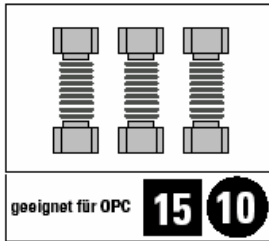
3. OPC connection system



T10/15 basic Tichelmann hydraulic set with U-bend, 2 blind caps, seals and sensor

10.2031 67.00

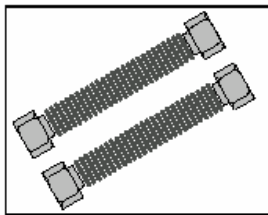
- 1 U-bend, incl. seals and screw connection 10.2061
- 2 blind caps, incl. seals 10.2062
- 1 PTP6 collector sensor 50.5031



3 expansion joints (collector connectors)

10.2032 49.00

- 3 expansion joints, 3/4", incl. vented seals 18x24 mm



3/4" connection set - W 20 mm L 500 mm

10.2053 76.00

- 2 corrugated pipes, 3/4"-3/4", incl. 4 vented seals 18x24 mm
- 2 soldered connections 3/4" to 20 mm for pipe connection

1 expansion joint, 3/4"

10.2063 18.00

- incl. 2 vented seals 18x24 mm

1 expansion joint set

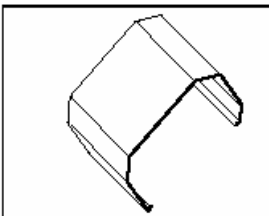
10.2066 5.00

- 18x24 mm, high-temperature resistant (5 pcs.)

1 pane seal set

10.2067 5.00

- 25.5x1.6mm, high-temperature resistant (5 pcs.)



Hydraulic cover

10.2041 21.00

- Aluminium cover for the mounting between the OPC-collectors, with insulating material and clamp fitting

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Product No. Price in EUR
(excl. VAT)

4. Control systems



AMK-Basic solar controller

50.5001

190.00

For single-circuit systems with all basic functions

- self-explanatory pictograms
- large multifunctional LCD display
- easy operation
- digitally adjustable controller parameters
- RPM control or switch control
- integrated operating hours counter
- system monitoring



AMK-Vision solar controller

50.5002

283.00

For multi-circuit systems and added convenience in measurement and operation

- self-explanatory pictograms
- large multifunctional LCD display
- easy operation
- digitally adjustable controller parameters
- RPM control or switch control
- special functions, e.g. for frost protection, thermostat for heating
- integrated operating hours counter
- system monitoring
- energy yield measurement
- various protection functions
- third switched output



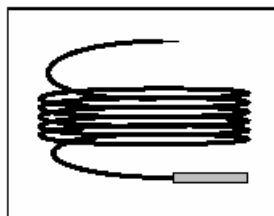
AMK-Genius solar controller

50.5003

475.00

For multi-circuit systems and added convenience in measurement and operation

- self-explanatory pictograms
- large multifunctional LCD display
- easy, menu-driven operation
- specifications and controller parameters are digitally adjustable
- integrated operating hours counter
- system monitoring
- integrated energy yield measurement
- various protection functions
- DataStick® - data entry interface



Collector /universal sensor

50.5031

16.00

(250° platinum, black)


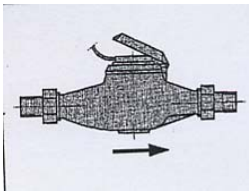
PT1000 pipe sensor with silicone cable and 2 pcs. cable ties
up to +125°C supplied

50.5072

35.00

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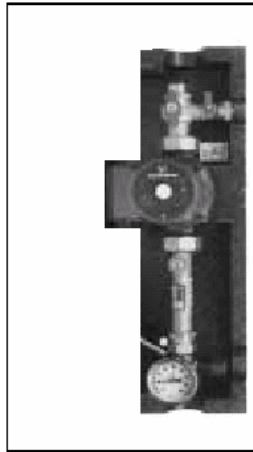
10

		Product No.	Price in EUR (excl. VAT)
	PSF3 radiation sensor	50.5050	103.00
	Flow sensor set With 1 litre/pulse, nominal flow rate 1.5 /h, up to 90°C, R1/2" (not suitable for bypass systems)	50.5070	145.00
	With 1 litre/pulse, nominal flow rate 0.6 /h, up to 120°C, R1/2"	50.5071	271.00
	A PT1000 pipe sensor with a silicone cable and 2 pcs. cable ties up to +125°C is supplied with every flow sensor set		
	CAUTION: When installing the flow sensor, make sure to also install the dirt trap.		

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5. Pumps and fittings

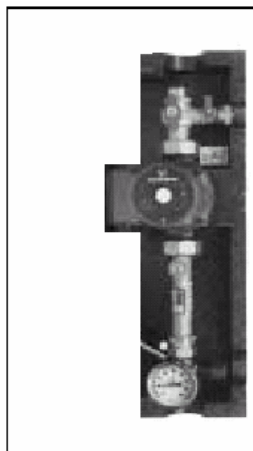


**AMK pump group OSS I Type 1-60/6.0 mwc/
1.5-6.0l/min. (single-string)**

50.6004

245.00

- 1 Grundfos/WILO, 3-stage pump
- 1 connector ET-1"
- 1 ball valve with wing grip (int. check valve, boiler fill/empty)
- 1 inline taco setter 1.5-6.0l/min.
- 1 dial thermometer 0-160° C
- 1 connection for expansion cylinder ET-3/4"

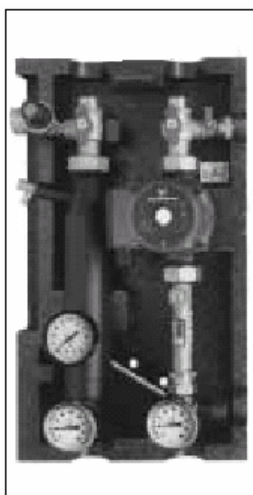


**AMK pump group OSS I Type 1-60/6.0 mwc/
4.0-16.0l/min. (single-string)**

50.6005

245.00

- 1 Grundfos/WILO, 3-stage pump
- 1 connector ET-1"
- 1 ball valve with wing grip (int. check valve, boiler fill/empty)
- 1 inline taco setter 4.0-16.0l/min.
- 1 dial thermometer 0-160° C
- 1 connection for expansion cylinder ET-3/4"



**AMK pump group OSS II Type 2-60/6.0 mwc/
1.5-6.0l/min. (double-string)**

50.6007

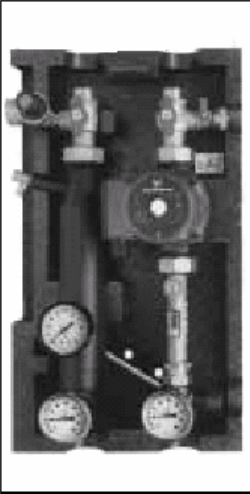
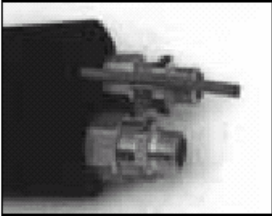
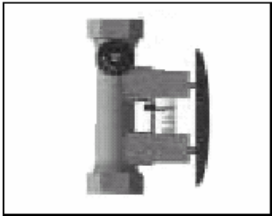
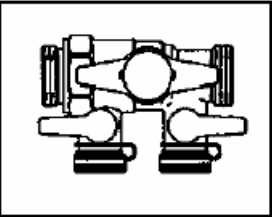
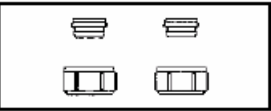
373.00

- Cold side (right string)
 - 1 connector ET-1"
 - 1 ball valve with wing grip (int. check valve, boiler fill/empty)
 - 1 Grundfos/WILO, 3-stage pump
 - 1 inline taco setter 1.5-6.0l/min.
 - 1 dial thermometer 0-160° C
 - 1 connection for expansion cylinder ET-3/4"
- Hot side (left string)
 - 1 connector ET-1"
 - 1 ball valve with wing grip (int. check valve, 1/2", 6 bar)
 - 1 deaerator with 1/4" valve, 0-10 bar manometer
 - 1 dial thermometer, 0-160° C
 - 1 connector ET-1"

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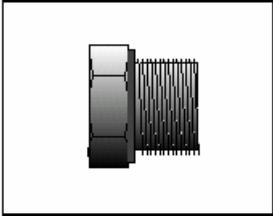
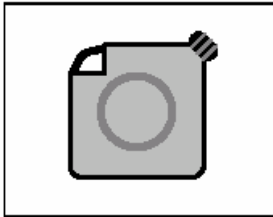

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	Product No.	Price in EUR (excl. VAT)
	AMK pump group OSS II Type 2-60/6.0 mwc/ 4.5-16.0 l/min. (double-string) Cold side (right string) 1 connector ET-1" 1 ball valve with wing grip (int. check valve, boiler fill/empty) 1 Grundfos/WILO, 3-stage pump 1 inline taco setter 4.5-16.0l/min. 1 dial thermometer 0-160° C 1 connection for expansion cylinder ET-3/4" Hot side (left string) 1 connector ET-1" 1 ball valve with wing grip (int. check valve, 1/2", 6 bar) 1 deaerator with 1/4" valve, 0-10 bar manometer 1 dial thermometer, 0-160° C 1 connector ET-1"	50.6006 373.00
	Twinway Solar helical tube TWS Solar S DN15, with sensor cable connection diameter 1/2" union nut 3/4" - flexible stainless steel helical tube, length 12.5 m - flexible stainless steel helical tube, length 15.0 m	10.2054 595.00 10.2055 735.00
	Regulating and shut-off valve With R 3/4" bypass - SD 2-8 balancing valve - SD 8-40 balancing valve	50.6024 145.00 50.6025 148.00
	REGUSOL filling and flushing device To be installed in the solar circuit at the lowest point in the system.	50.6008 44.00
	Compression fitting For REGUSOL, size 1"/22 mm	50.6011 7.00

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	Product No.	Price in EUR (excl. VAT)
	Soldered connection To connect R 1/2" thread to 20mm collector connection with 1 vented seal (high-temperature resistant)	50.5022 4.00
	Tyfocor LS heat transfer fluid (ready-mixed) 20 Litre canister	50.5102 81.00
	Profi Solar filling and flushing unit Trolley-mounted solar filling and flushing station Key data: <ul style="list-style-type: none">- flow rate: max. 2.1 /h at 2900 RPM.- flow pressure: max. 4.0 bar at 2900 RPM.- flow height: max. 40 mwc = 4 bar = 400 kPa- dimensions: HxWxD 102x42x52 cm	50.6102 Upon request



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