



# AEROCOMPACT®

## CHECKLIST COMPACTFLAT S05/10/15/10+

REQUEST FOR QUOTE     ORDER

DATE \_\_\_\_\_

Requested delivery date: \_\_\_\_\_

Pick up

Delivery to customer

Delivery to project address

PROJECT NAME \_\_\_\_\_

CUSTOMER \_\_\_\_\_

Contact person: \_\_\_\_\_

No., Street: \_\_\_\_\_

City, ZIP code, Country: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

PROJECT ADDRESS \_\_\_\_\_

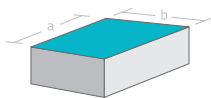
No., Street: \_\_\_\_\_

City, ZIP code: \_\_\_\_\_

Country: \_\_\_\_\_

### ROOF SHAPE AND DIMENSIONS

rectangular



Dimension:

a = \_\_\_\_\_ mm

b = \_\_\_\_\_ mm

other → please provide drawing with all relevant dimensions!

Please note: unless otherwise noted, modules will be aligned in parallel to the longest roof edge

### GENERAL ROOF DATA

Roof height: \_\_\_\_\_ mm

Roof inclination: \_\_\_\_\_ °

Parapet height: \_\_\_\_\_ mm

Parapet width: \_\_\_\_\_ mm

### MOUNTING SYSTEM TYPE

COMPACTFLAT S05

(mono-pitch, 5°)

177 mm row spacing

335 mm row spacing

COMPACTFLAT S10

(mono-pitch, 10°)

380 mm row spacing

527 mm row spacing

COMPACTFLAT S15

(mono-pitch, 15°)

571 mm row spacing

790 mm row spacing

COMPACTFLAT S10+

(double-pitch, 10°)

114+183 mm row spacing

114+350 mm row spacing

### Accessories

use cable ducts

use bracket for microinverter /  
power optimizer

\_\_\_\_\_

### Ballast Trays

long

short

place all ballast blocks in ballast trays

**FURTHER DESIGN OPTIONS**

- only ballast (no roof anchor)                       optimized selection / mixture                       roof anchors mandatory  
 only roof anchors (no ballast)                       use ‚alpine‘ support brackets

**ROOFING TYPE AND SUB-STRUCTURE**

- |  |  |  |  |
|--|--|--|--|
| <input type="radio"/> <b>Membrane roof</b> | <input type="radio"/> <b>Bitumen roof</b>  | <input type="radio"/> <b>Gravel roof</b>   | <input type="radio"/> <b>Insulation (under membrane)</b> |
| <input type="radio"/> PVC                  | <input type="radio"/> <b>Concrete roof</b> | <input type="radio"/> gravel layer < 10 cm | type: _____  |
| <input type="radio"/> TPO/FPO              | <input type="radio"/> _____                | <input type="radio"/> gravel layer ≥ 10 cm | thickness: _____ mm                                      |
| <input type="radio"/> _____                |  | Bulk density _____                         | Manufacturer: _____                                      |

**BALLAST BLOCK SPECIFICATION**

→ unless otherwise noted, we assume dimensions of 300 x 200 x 60 mm, and a weight of 8 kg

Length: \_\_\_\_\_ mm    Width: \_\_\_\_\_ mm    Height: \_\_\_\_\_ mm    Weight: \_\_\_\_\_ kg

use gravel for ballasting

**MODULE LAYOUT**

→ Please indicate interference areas separately! (drawing, coordinates, roof plan)

- Full layout                       Targeted power: \_\_\_\_\_ kWp                       Preferred array size: \_\_\_\_\_ rows × \_\_\_\_\_ modules

**PV MODULE SPECIFICATIONS**

Manufacturer: \_\_\_\_\_    Module type: \_\_\_\_\_    Wattage: \_\_\_\_\_ Wp  
 Length × width \_\_\_\_\_ mm    Frame height: \_\_\_\_\_ mm    Weight: \_\_\_\_\_ kg

**PROJECT SITE****Location**

geographical latitude: \_\_\_\_\_  
 geographical longitude: \_\_\_\_\_  
 elevation asl: \_\_\_\_\_ m

**Terrain Category**

- 0** coastal area, open to the sea  
 **I** open land, hardly any obstacles  
 **II** cultivated land, few obstacles  
 **III** suburb, commercial area, forest

**Topography**

- exposed location

→ to be determined according to local codes, terms to the left just for orientation

**APPLICABLE CODE**

- EN 199x (national version with National Annex, if available)                       SIA 261  
 Others, similar to EN 199x

Indicate characteristic value of peak velocity pressure on height level of the system: \_\_\_\_\_ kN/m<sup>2</sup>

Indicate basic wind speed, as defined by EN 1991-1-4: \_\_\_\_\_ m/s

Indicate characteristic value of snow load on the module (alternatively: on the ground): \_\_\_\_\_ kN/m<sup>2</sup>

**USA**

- ASCE 7-05  
 ASCE 7-10  
 ASCE 7-16

**International**

- International Building Code  
 Overseas Buildings Operations