



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 _____

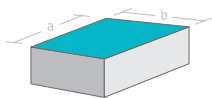
No., Street: _____

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

ROOFING TYPE AND SUB-STRUCTURE

- | | | | |
|--|--|--|--|
| <input type="radio"/> Membrane roof | <input type="radio"/> Bitumen roof | <input type="radio"/> Gravel roof | <input type="radio"/> Insulation (under membrane) |
| <input type="radio"/> PVC | <input type="radio"/> Concrete roof | <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 600 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)
- Others, similar to EN 199x
- SIA 261

Indicate characteristic value of peak velocity pressure on height level of the system: _____ kN/m²

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/m²

USA

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

International

- International Building Code
- Overseas Buildings Operations