AEROCOMPACT®

CHECKLIST COMPACTFLAT Z+

☐ **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 _____

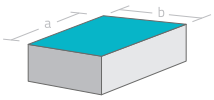
No., Street: _____

City, ZIP code: _____

Country: _____

ROOF SHAPE AND DIMENSIONS

○ rectangular



Dimension:

a = _____ ft.

b = _____ ft.

○ 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: _____ ft.

Roof inclination: _____ °

Parapet height: _____ in.

Parapet width: _____ in.

MOUNTING SYSTEM TYPE

○ COMPACT**FLAT Z2+**
(2+2 modules, East/West)
- ○ 5° module inclination
- ○ 10° module inclination

○ COMPACT**FLAT Z3+**
(3+3 modules, East/West)
- ○ 5° module inclination
- ○ 10° module inclination

○ COMPACT**FLAT Z4+**
(4+4 modules, East/West)
- ○ 5° module inclination
- ○ 10° module inclination

Accessories
- ○ use cable ducts
- ○ use bracket for microinverter / power optimizer
- ☐ _____

Ballast Trays
- ○ long
- ○ short
- ○ place all ballast blocks in ballast trays

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FURTHER DESIGN OPTIONS

○ only ballast (no roof anchor)

ROOFING TYPE AND SUB-STRUCTURE

○ **Membrane roof**
- ○ PVC
- ○ TPO/FPO
- ○ _____

○ **Bitumen roof**

○ **Concrete roof**

○ _____

○ **Insulation (under membrane)**
- type: _____
- thickness: _____ in.
- Manufacturer: _____

BALLAST BLOCK SPECIFICATION

→ unless otherwise noted, we assume dimensions of 16 x 8 x 2 in., and a weight of 15 lb

Length: _____ in. Width: _____ in. Height: _____ in. Weight: _____ lbs

○ 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 _____ in. Frame height: _____ in. Weight: _____ lbs

PROJECT SITE

Location

geographical latitude: _____

geographical longitude: _____

elevation asl: _____ ft.

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: _____ psf

Indicate basic wind speed, as defined by EN 1991-1-4: _____ mph

Indicate characteristic value of snow load on the module (alternatively: on the ground): _____ psf

USA
- ○ ASCE 7-05
- ○ ASCE 7-10
- ○ ASCE 7-16

International
- ○ International Building Code
- ○ Overseas Buildings Operations