

TECHNICAL SPECIFICATIONS

MODEL

BEON 2X

DC INPUT DATA

Recommended Input Power (STC)
DC voltage Min/Max
Recommended operation voltage
Maximum input current

up to 2x300W
22-50V
24-40V
15A

AC OUTPUT DATA

Monimal output power
Current at max power (@184V)
Voltage range
Frequency range
Power factor
Total Harmonic Distortion (THD)
Maximum units per branch

500W
2.8A
184~265V
46Hz~60.5Hz
> 0.99%
< 3.5%
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EFFICIENCY

Peak efficiency
Average efficiency (EUR)
Stand-by power consumption

95.6%
94.5%
<130mW

MECHANICAL DATA

Weather proof rating
Temperature operating range (ambient)
DC connector
AC Cabling (interconnection)
Dimensions (WxHxD)
Weight

IP 68 - tested under water
-40°C~+65°C (+85°C internal temperature)
MC 4
Trunk cable - each microinverter connects to a bus cable
233mm*164mm*29mm
2.54Kg

OTHER INFORMATION

Anti-island function
Compatible PV panels
Units per box
Certification
Warranty

Included (active and passive)
Mono/Polycrystalline Si 60/72 cells*
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CE - UL1741 - EN50438 - G83/1
VDE0126 - AR 4015 - CQC - AS 4777
15 year (extendable to 25 years)