



Aira Power Hub

product specifications

MODEL	1-PHASE 7KW	3-PHASE 15KW
Topology	Transformerless Inverter	Transformerless Inverter
Cooling Method	Forced Cooling	Forced Cooling
Rated AC power	7.36 kVA	15 kVA
Rated AC voltage	230 VAC	400 VAC
Rated mains frequency	50 Hz	50 Hz
DC bus voltage, VDC	760 V [nominal]	760 V [nominal]
No of MPP trackers*	1-4	1-4
MPP tracker voltage range*	100-720V	100-720V
Maximum MPP current*	14A	14A
Max efficiency DC to AC / AC to DC	98.0 %	98.0 %
Weight	21 kg	25 kg
Colour	Grey	Grey
Dimensions [cm] [w/d/h]	47 x 17 x 65	47 x 17 x 65



INSTALLATION

Ambient temperature**	-20°C – 60°C	-20°C – 60°C
Humidity	0 – 100% RH condensing	0 – 100% RH condensing
Degree of protection	IP 65	IP 65
Maximum altitude	2000m	2000m

COMPLIANCE

LVD (2014/35/EU)	EN 62109-1:2010, EN 62109-2:2011
EMC (2014/30/EU)	EN IEC 61000-6-2:2019, EN IEC 61000-6-3:2021
RoHS (2011/65/EU)	EN IEC 63000:2018
Protection functions	AC overvoltage protection cat III, DC overvoltage protection cat II, DC bus short circuit, Overtemperature

*Included in separate solar string optimiser unit
**Output power may be derated if ambient temperature exceeds 45 °C