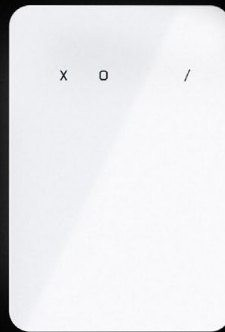


XO STRING INVERTER

TECHNICAL SPECIFICATIONS /



XO STRING INVERTER SPECIFICATIONS



XS-I3.6 | XS-I6.0

XO STRING INVERTER MODEL	XS-I3.6	XS-I6.0
MAX. DC POWER (W)	5400	8400
MAX. DC VOLTAGE (V)	600	
MPPT VOLTAGE RANGE (V)	70 - 550	
MPPT FULL POWER VOLTAGE RANGE (V)	130 - 550	220 - 550
RATED INPUT VOLTAGE (V)	360	
START-UP VOLTAGE (V)	70	
MAX. INPUT CURRENT (A)	14 x 2	
MAX. SHORT CURRENT (A)	18 x 2	
NO. OF MPP TRACKER / NO. OF PV STRING	2 / 2	
INPUT CONNECTOR TYPE	MC4	
AC OUTPUT DATA		
MAX. OUTPUT POWER (W)	3960	6600
NOMINAL OUTPUT POWER (W)	3600	6000
MAX. OUTPUT CURRENT (A)	16	27
NOMINAL OUTPUT VOLTAGE (V)	L/N/PE, 220Vac, 230Vac, 240Vac	
GRID VOLTAGE RANGE	180Vac-276Vac (According to local standard)	
NOMINAL OUTPUT FREQUENCY (HZ)	50 / 60	
GRID FREQUENCY RANGE	45-55Hz/54-66Hz (According to local standard)	
OUTPUT POWER FACTOR	1 default (adjustable from 0.8 leading to 0.8 lagging)	
OUTPUT CURRENT THD	< 3%	

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XO STRING INVERTER

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XO STRING INVERTER MODEL	XS-I3.6	XS-I6.0
AC OUTPUT DATA		
MAX. EFFICIENCY		98.20%
EUROPE EFFICIENCY	97.82%	97.92%
PROTECTION		
PV REVERSE POLARITY PROTECTION		YES
PV INSULATION RESISTANCE DETECTION		YES
AC SHORT CIRCUIT PROTECTION		YES
AC OVER CURRENT PROTECTION		YES
AC OVER VOLTAGE PROTECTION		YES
ANTI-ISLANDING PROTECTION		YES
RESIDUAL CURRENT DETECTION		YES
OVER TEMPERATURE PROTECTION		YES
INTEGRATED DC SWITCH		YES
SURGE PROTECTION (DC & AC)		Integrated (Type III)
GENERAL DATA		
DIMENSIONS [H/W/D] (MM)	395 x 345 x 170	460 x 345 x 170
WEIGHT (KG)	22.8kg	27.8kg
PROTECTION DEGREE		IP65
ENCLOSURE MATERIAL		Aluminium
AMBIENT TEMPERATURE RANGE (°C)		-25 - 60
HUMIDITY RANGE		0 - 100%
TOPOLOGY		Transformerless
COMMUNICATION INTERFACE		RS485 / WiFi / Wire Ethernet / GPRS (optional)
COOLING CONCEPT		Natural Convection
NOISE EMISSION (DB)	< 28	< 40
NIGHT POWER CONSUMPTION (W)		< 1
MAX. OPERATION ALTITUDE (M)		4000
CERTIFICATIONS AND STANDARDS		
EMC STANDARD	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12	
SAFETY STANDARD	EN/IEC 62109-1/-2, UL1547, IEC 60068-2	
GRID-CONNECTION	EN50549-1, EN50438, RD 1699,UNE 217001, RD 413, IEC61727, IEC62116, IEC61683, VDE4105, UL1741 VDE0126 AS4777.2 NB/T 32004-2013, UNT C 15-712-1, ABNT NBR 16149, ABNT NBR 16150	



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