

X1-MINI

S: Single MPPT

D: With DC switch N: Without DC switch

SINGLE-PHASE ON-GRID INVERTER

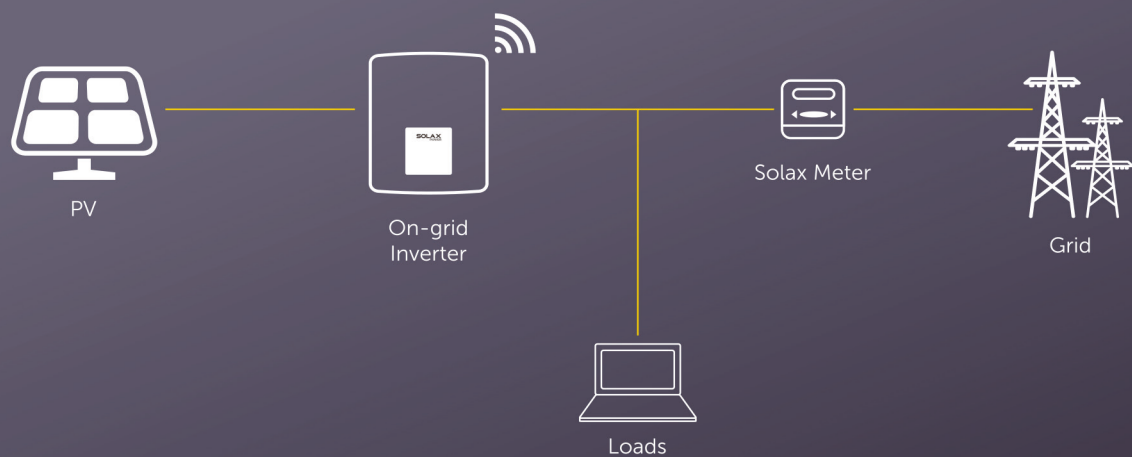
0.6~3.6kW



Features

- Small and light
- Max. DC input 14A
- AC/DC built in SPD
- As low as 45V grid-connected PV voltage
- Remote upgrade and control
- Wider power section
- Zero injection supported

SOLUTION DESIGN



X1-MINI

SINGLE-PHASE

X1-0.6-S-D(L)	X1-0.7-S-D(L)	X1-1.1-S-D(L)	X1-1.5-S-D(L)	X1-2.0-S-D(L)	X1-2.5K-S-D(L)	X1-3K-S-D(L)	X1-3.3K-S-D(L)	X1-3.6K-S-D(L)
X1-0.6-S-N(L)	X1-0.7-S-N(L)	X1-1.1-S-N(L)	X1-1.5-S-N(L)	X1-2.0-S-N(L)	X1-2.5K-S-N(L)	X1-3K-S-N(L)	X1-3.3K-S-N(L)	X1-3.6K-S-N(L)

DC INPUT

[illegible]

AC OUTPUT

[illegible]

SYSTEM DATA

Max. efficiency [%]	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00
Euro. efficiency [%]	95.00	95.00	95.50	96.00	96.50	96.50	96.50	96.50	96.50
MPPT efficiency [%]	99.9								
Standby consumption [W] @Night	<1								
Ingress protection	IP66								
Operating temperature range [°C]	-25~+60 (derating at 45)								
Max. operation altitude [m]	≤2000								
Humidity [%]	0~100(condensation)								
Typical noise emission [dB]	<25								
Storage temperature [°C]	-30~+70								
Dimensions(WxHxD) [mm]	267*328*126								
Weight [kg]	6	6	6	6	6	8.3	8.3	8.3	8.3
Cooling concept	Natural								
Communication interfaces	RS485/ DRM/ Pocket Wi-Fi/LAN/GPRS(optional)/USB/CT/Meter (optional)								

PROTECTION

Over/under voltage protection	YES
DC isolation protection	YES
Monitoring ground fault protection	YES
Grid monitoring	YES
DC injection monitoring	YES
Back feed current monitoring	YES
Residual current detection	YES
Anti-islanding protection	YES
Over temp protection	YES
SPD	YES

STANDARD

Safety	EN/IEC62109-1/-2
EMC	EN61000-6-1/2/3/4;EN61000-3-2/3/11/12
Certification	IEC61727/G98/AS/NZS 4777.2/VDE4105/EN50549/CEI 0-21/RD1699/UNE 206007-1/VFR and so on