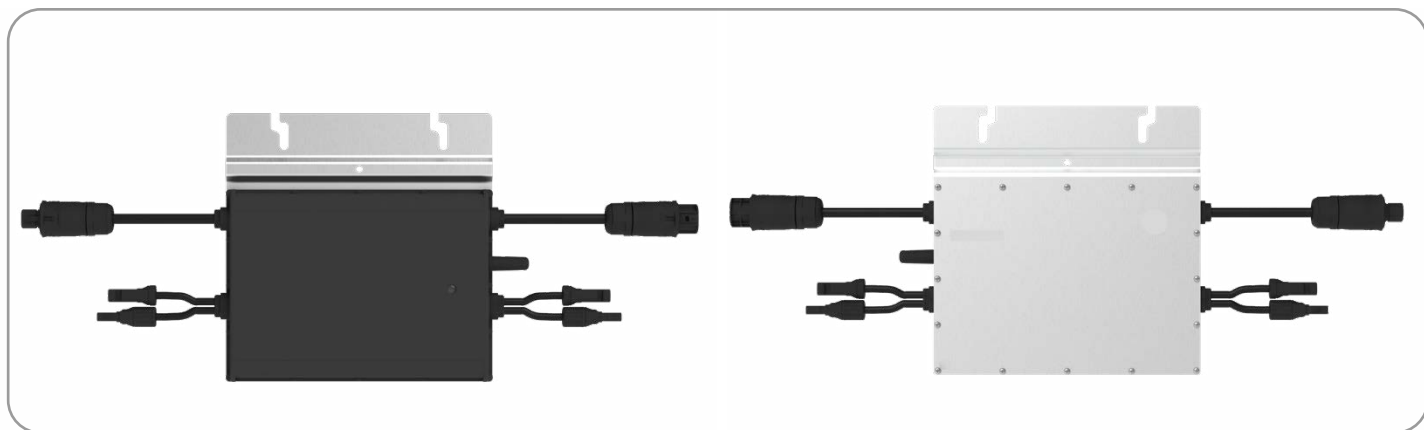


PV Micro Inverter 800W TX-242



Features:

- Easy installation, just plug and play
- Lightweight and compact micro inverter
- Direct mounting on the racking system or panel frame
- Ideal for balcony power plants and mini solar systems
- On-grid system, for feeding power into the 230V household grid via socket plug
- MC4 connector for solar panel connection
- Max. solar panel power 320-540W
- Integrated MPPT charge controller for solar panels: particularly efficient power yield
- MPPT voltage range: DC34-48V
- Meets highest safety standards
- Waterproof IP67

Characteristics:

- Compliance: VDE-AR-N 4105:2018, EN50549-1:2019, VFR2019, IEC/EN 62109-1/-2, IEC/EN 61000-3-2/-3, IEC/EN-61000-6-1/-2/-3/-4

Package contents:

1x PV Micro Inverter, 1x AC input end cap, 1x Female Betteri adapter, User manual

Note: This publication summarizes product warranty and Specifications which are subject to change without notice. Product photos are for reference only, on behalf of actual product

Manufactured for:

Technaxx Deutschland GmbH & Co.KG
Konrad-Zuse-Ring 16-18, 61137 Schöneck,
Germany
WEEE-Reg.-Nr. DE94626913
www.technaxx.de

Technical specifications

DC-input	
Recommended panel power (W)	320-540 (per panel)
Panel compatibility	60-cell or 72-cell panels
Max. number of panels	2
Panel connection	MC4
MPPT voltage range (V)	34-48
Starting voltage (V)	22
Operating voltage range (V)	16-60
Max. input voltage (V)	60
Max. input current (A)	2x 12.5
Max. input short-circuit current (A)	2x 15

AC-Output

Rated output power (VA)	800
Rated output current (A)	3.64 at 220V; 3.48 at 230V; 3.33 at 240V
Rated output voltage/range (V)	220/180-275; 230/180-275; 240/180-275
Rated frequency/rated frequency range (Hz)	45-55 (under 50Hz @ 220V & 230V); 55-65 (under 60Hz @ 220V & 230V)
Power factor	>0.99 standard; 0.8 leading.....0.8 delayed
Output current harmonic distortion	≤3%
Maximum number of devices in series	6

Efficiency, safety and protection

Peak efficiency	96.70%
CEC weighted efficiency	96.50%
MPPT rated efficiency	99.80%
Nightly power consumption (mW)	<50

Mechanical data

Ambient temperature range (°C)	-40~+65
Storage temperature range (°C)	-40~+85
Dimensions (WxHxD) mm	250x170x28
Weight (kg)	3
Protection class NEMA outdoor	(IP67)
AC output cable length (cm)	188
AC input cable length (cm)	8.5

Communication

Transmission	2.4GHz Proprietary RF (Nordic)
Frequency range	2.403 - 2.475GHz
Radiated transmit power	max. 5.68dBm / 3.7mW