

Wall Mounted Hybrid Inverter from R 11 400 to R14 600 incl VAT (11400 R)



Location **Gauteng, Johannesburg**
<https://www.freeadsz.co.za/x-21371-z>

We stock the following sizes: 2 000W/ 3 000W

Price includes VAT and is subject to change without notice. Price excludes installation.

East Power Africa has approved installation companies in major cities.

EAST (Guangdong East Power Co.,Ltd) was established in 1989 and is one of the top-leading power supply manufacturers in China.

EAST customizes products to meet different international standards and specific client requests.

East Power Africa is operating from Boksburg, Gauteng and caters to both end users and commercial users, providing them with a variety of solar products.

EAST Hybrid Inverter generates electricity to ensure that there is backup energy when there is a power outage.

Features:

- Personalized design features to meet different customer's needs.
- Isolated transformer design to ensure safe use of electricity.
- Multi-lingual LCD display, easy to operate.
- Efficient battery management, charging current can be set
- Reverse battery alarm & protection
- PV reverse protection
- Efficient energy storage charging mode and charging management system.
- Energy saving mode, no load consumption less than 1%

- Advanced MPPT algorithm.
- Over charging protection for AC and DC
- Specific
- Max power:
- Output PF: 1.0
- DC Voltage: 48V/dc
- Piece cell: 4x11V/ 24x2V
- Working mode: Grid-tie mode/ anti-flow back can be set
- Time control: Energy saving priority/ power supply priority/ AC charging time can be controlled
- V Inpt
- Max output voltage: 150Vdc

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- Optimum operating voltage: 65-120Vdc
- Maximum conversion efficiency: $\approx 97\%$
- Max charging current: 50A/ 62KW
- Recommended maximum PV power: 3000W/ 3500W

AC Input

- Input voltage range: Single phase 230V $\pm 15\%$
- Rated frequency: 50/60Hz
- Frequency range: 50/60Hz $\pm 5\%$
- Power factor: ≈ 0.98
- Max charging current: 45A/ 60A

Inverter

- Inverter voltage: 230V (220V/240V can set)
- Output voltage accuracy: $\pm 3\%$ grid off : $\pm 10\%$ grid tied
- Transient recovery time: = 60ms
- Fixed frequency: Automatically be the same as the grid input
- Crest factor: 3:1 (I_{peak}/ I_{rms})
- Wave: Pure sine wave
- THD liner load: $\approx 3\%$
- Overload: $\approx 110\%$ / 125% / 150% / 180% / 200%: 4 mins/ 1 min/ 5s/ 20ms/ 0.5s transfer to bypass or shutdown (shutdown when AC not available)
- 0.1s short circuit current: 3 times rated current
- Max efficiency %: $\approx 85\%$

Battery Management

- Battery type setting: Lithium / Lead acid battery can be set by customer
- Battery setting: Battery number can be set
- Discharge depth setting: Yes
- Float charging voltage: 56Vdc
- End of discharge: 42Vdc
- Charging current: Lead acid battery 0.05C- 0.3C ; lithium battery 0.1C \approx 1.0C can set
- Battery intelligent management: battery bank automatic float charging, automatic temperature