ARM OG INVERTER 3K-24



- Pure sine wave inverter
- Isolation design between input and output for safety guarantee
- Lightweight, stainless steel, and anodised aluminium casing
- Low power consumption for energy saving
- Over-temperature, DC reverse polarity and short circuit protection
- Low/High battery alarm and protection

DC/AC inverter without charger



ARM of Grid Inverter Selection Guide

Rated Power 2000VA/1600W 3000VA/2400W INPUT Nominal DC Voltage 24 VDC Cold Start Voltage 23 VDC Acceptable Voltage Range 21 VDC ~ 29 VDC Low DC Warning Voltage 22.0 VDC @ load < 20% 21.4 VDC @ load ≥ 50% 20.2 VDC Low DC Warning Return Voltage 23.0 VDC @ load < 50% 22.4 VDC @ load ≥ 50% 21.2 VDC Low DC Cut-off Voltage 21.0 VDC @ load < 20% 21.0 VDC @ load < 50% 20.4 VDC @ load ≥ 50% 20.4 VDC Efficiency > 90 % No Load Power Consumption < 20 W Saving Mode Power Consumption < 10 W OUTPUT AC Voltage Regulation (Batt. Mode) 230VAC ± 5% Surge Power 4000VA Pure sine wave
Nominal DC Voltage 24 VDC Cold Start Voltage 23 VDC Acceptable Voltage Range 21 VDC ~ 29 VDC Low DC Warning Voltage 22.0 VDC @ load < 50%
Cold Start Voltage 23 VDC Acceptable Voltage Range 21 VDC ~ 29 VDC Low DC Warning Voltage 22.0 VDC @ load < 20%
Acceptable Voltage Range 21 VDC ~ 29 VDC Low DC Warning Voltage 22.0 VDC @ load < 20%
Low DC Warning Voltage ② load <20% ② 20% ≤ load < 50% ② 20.2 VDC ② load ≥ 50% ② 20.2 VDC Low DC Warning Return Voltage ② load <20% ③ load < 50% ② 22.4 VDC ② 20% ≤ load < 50% ② 21.2 VDC Low DC Cut-off Voltage ② load <20% ③ load <20% ③ load ≥ 50% ② 21.2 VDC Low DC Cut-off Voltage ② load <20% ③ load <20% ③ load <20% ③ load <20% ⑤ load <20% ⑥ load ≥ 50% ② 20.4 VDC ② load ≥ 50% ③ 19.2 VDC Efficiency ⑤ > 90 % No Load Power Consumption ⑥ < 20 W Saving Mode Power Consumption ⑥ < 10 W OUTPUT AC Voltage Regulation (Batt. Mode) ② 230VAC ± 5% Surge Power
@ load <20%
@ 20% ≤ load < 50%
@ load ≥ 50% 20.2 VDC Low DC Warning Return Voltage 23.0 VDC @ load <20%
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Efficiency > 90 % No Load Power Consumption < 20 W
No Load Power Consumption < 20 W
Saving Mode Power Consumption < 10 W
OUTPUT AC Voltage Regulation (Batt. Mode) 230VAC ± 5% Surge Power 4000VA 6000VA
AC Voltage Regulation (Batt. Mode) 230VAC ± 5% Surge Power 4000VA 6000VA
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Way of arm
PHYSICAL
Dimension, D X W X H (mm) 82 x 232 x 369
Net Weight (kgs) 4.3 4.3
OPERATING ENVIRONMENT
Humidity 5% to 95% Relative Humidity (Non-condensing)
Operating Temperature 0°C - 55°C
Storage Temperature -15°C - 60°C

Product specifications are subject to change without further notice

