SUNNY ISLAND 5048U





- Suitable for systems from 3 kW to 25 kW
- AC coupling of all energy sources
- DC coupling with optional equipment
- Fully automatic uninterrupted operation
- Single, split, and 3-phase, connectable in parallel and modularly expandable
- Excellent overload characteristics for motor starting
- Long battery life due to optimal battery management system
- Robust, reliable and durable



SUNNY ISLAND 5048U

Battery-based inverter for off-grid and back-up applications

The Sunny Island 5048U is the ideal solution for off-grid and grid back-up systems. It has incredible surge capability and a peak efficiency of 95% making it both powerful and cost-efficient. The Sunny Island 5048U utilizes removable MMC/SD cards for storage of performance data by the integrated data logger and for easy firmware upgrades. Its intuitive interface features preconfigured settings for faster commissioning. Wherever reliable, high quality electricity is needed, depend on the Sunny Island 5048U to deliver.

Technical Data

ny Island 048U 05 V - 132 V) 5 Hz - 65 Hz) V / 4000 W 00 W / 11000 W 80 A for 60 ms / -1 to +1 80 V - 150 V) 4 Hz - 66 Hz) 5 6 A) / 6.7 kW 11 V - 63 V) A / 100 A 1 / 100 - 10,000 Ah J process
05 V - 132 V) 5 Hz - 65 Hz) V / 4000 W 00 W / 11000 W 80 A for 60 ms / -1 to +1 80 V - 150 V) 4 Hz - 66 Hz) 56 A) / 6.7 kW 81 V - 63 V) A / 100 A 8 / 100 - 10,000 Ah
5 Hz - 65 Hz) V / 4000 W 100 W / 11000 W 80 A for 60 ms / -1 to +1 80 V - 150 V) 4 Hz - 66 Hz) 56 A) / 6.7 kW 81 V - 63 V) A / 100 A
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/ -1 to +1 80 V - 150 V) 4 Hz - 66 Hz) 56 A) / 6.7 kW 81 V - 63 V) A / 100 A 8 / 100 - 10,000 Ah
10 V - 150 V) 4 Hz - 66 Hz) 56 A) / 6.7 kW 11 V - 63 V) A / 100 A 1 / 100 - 10,000 Ah
4 Hz - 66 Hz) 56 A) / 6.7 kW H1 V - 63 V) A / 100 A H / 100 - 10,000 Ah
56 A) / 6.7 kW 11 V - 63 V) A / 100 A 1/ 100 - 10,000 Ah
H1 V - 63 V) A / 100 A I / 100 - 10,000 Ah
A / 100 A I / 100 - 10,000 Ah
A / 100 A I / 100 - 10,000 Ah
I / 100 - 10,000 Ah
J process
95%
W / 4 W
●/●
●/●
●/●
21.4 / 9.3
39 lbs
F to 122 °F
s (NEMA 1)
ernal / 2
●/●
ng Oct. 2009
/●/●
●/●
●/●
●/○
1 / UL 1998
O/O
O/O
O/O
5048U
/ I

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