

PowerCombi 12/2000-100



Product code: 36212000

Simple. Independent. Flexible.

The PowerCombi is a pure sine wave inverter/charger offering grid quality AC power and battery charging in one low profile design. Designed to be an independent inverter / charger, it yet can easily be integrated into a MasterBus network (with additional interface).

With a built-in transfer switch, 2x surge for 3 seconds and on-site dipswitch programming—the PowerCombi offers simple installation with multiple operating modes, and can charge various battery chemistries—including a custom profile for use with Li-ion.

Full certifications make it perfect for use in RV's, boats, and specialty vehicles. Add a battery temperature sensor (BTS), remote display and a communication interface for custom applications.

Specifications

Specifications sine wave inverter

Efficiency 89 %

Specifications battery charger

Input voltage range 10 - 15.5 V
Nominal input voltage 12 V
Max. charge current at 25 °C / 77 °F 100 A DC

Specifications transfer system

Transfer speed 30 A (10ms)

Communication & monitoring

Communication MasterBus compatible via PowerCombi MasterBus Interface (part # 77032900)

General specifications

Flat battery support (minimum charging) no (6 V)
Continuous power at 25 °C / 77 °F, cos phi 1 2000 W
Continuous power at 40 °C / 104 °F, cos phi 1 2000 W
Surge power (3s) 4000 W
AC voltage / frequency 120 V - 50/60 Hz selectable HF - pure
Idle consumption 36 W
Dimensions, h x w x d 453 x 251 x 116 mm
17.8 x 9.9 x 4.6 inch
Weight 6 kg
13.2 lb
Approvals UL458 & Supplement SA/CSA C22.2, UL 1741 no. 107.1-01KKK-A-1822F
(pending, specifications subject to change)

Technical specifications

Battery types flooded, Gel, AGM, custom
Temperature range (ambient temp.) -20 °C to 60 °C
-4 to 140 °F