

HYBRID-SERIES

(BATTERY LESS INVERTER)



PRODUCT FEATURES:

- Pure Sine wave solar inverter
- Selectable charging current
- Wide DC input range
- Auto Restart while AC is recovering
- Start without battery
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

ENHANCEMENT !!



3000VA=3000W
5000VA=5000W

TECHNICAL SPECIFICATION

PRODUCT SERIES

BATTERY LESS SERIES

MODEL

DPSBL-3KW

DPSBL-5KW

CAPACITY

3000W

5000W

INPUT

AC NOMINAL VOLTAGE

230VAC

SELECTABLE VOLTAGE RANGE

170-280 VAC(FOR PERSONAL COMPUTERS

90-280 VAC (FOR HOME APPLIANCES)

FREQUENCY RANGE

50Hz/60Hz(AUTO SENSING)

OUTPUT

AC VOLTAGE REGULATION

230VAC $\pm$ 5%

SURGE POWER

6000VA

600VA

EFFICIENCY(PEAK)

90% ~ 93%

TRANSFER TIME

10ms (FOR PERSONAL COMPUTER)

20ms (FOR HOME APPLIANCES)

WAVEFORM

PURE SINE WAVE

BATTERY

BATTERY VOLTAGE

24VDC

48VDC

FLOATING CHARGE VOLTAGE

27VDC

54VDC

OVER CHARGE PROTECTION

33VDC

63VDC

SOLAR CHARGER & AC CHARGER

SOLAR CHARGE TYPE

MPPT

MPPT

MAXIMUM PV ARRAY OPEN CIRCUIT

500VDC

500VDC

MAXIMUM PV ARRAY POWER

4000W

4000W

MPP OPERATING RANGE

120~450VDC

120~450VDC

MAXIMUM SOLAR CHARGE CURRENT

80A

80A

MAXIMUM AC CHARGE CURRENT

60A

60A

MAXIMUM CHARGE CURRENT

80A

80A

PHYSICAL

DIMENSION D X W X H (mm)

100 x 300 x 440

NET WEIGHT (kgs)

9

10

COMMUNICATION INTERFACE

USB/RS232

OPERATING ENVIRONMENT

HUMIDITY

5% to 95% RELATIVE HUMIDITY (Non-Condensing)

OPERATING TEMPERATURE

-10°C to 15°C

STORAGE TEMPERATURE

-15°C to 60°C

Product specification are subject to change without further notice