



## ON-GRID SERIES

(GRID TIED INVERTER)

**3kW-10kW**



### PRODUCT FEATURES:

- Pure Sine wave solar inverter
- Self-consumption and Feed in to grid
- On Grid inverter with energy storage
- Parallel operation up to 6 units for 10KW
- Auto Restart while AC is recovering
- Start without battery
- Overload and short circuit protection

## TECHNICAL SPECIFICATIONS

### PRODUCT SERIES

### ON GRID SERIES 1/1 & 3/3

#### MODEL

#### ON GRID- 3KW

#### ON GRID-10KW

DPSO-3KW

DPSO-10KW

#### PHASE

SINGLE PHASE IN/SINGLE PHASE OUT

THREE PHASE IN/THREE PHASE OUT

#### CAPACITY

3000W

10000W

### GRID TIE OPERATION

#### PV INPUT DC

MAXIMUM PV INPUT POWER

4500W

14850W

NOMINAL DC VOLTAGE/MAXIMUM DC VO

360VDC/500VDC

720VDC/900VDC

MPP VOLTAGE RANGE

250VDC-450VDC

400VDC-800VDC

NUMBER OF MPP TRACKERS/MAXIMUM IP

1/1 x 18A

2/2x18.6A

START UP VOLTAGE / INITIAL FEEDING VOI

116VDC/150VDC

320VDC/350VDC

#### GRID OUTPUT AC

NOMINAL OUTPUT VOLTAGE

220/230/240VAC

230VAC(P-N)/400VAC(P-P)

OUTPUT VOLTAGE RANGE

184-264.5 VAC

184-264.5 VAC\* Per PHASE

NOMINAL OUTPUT CURRENT

13A

14.5A Per PHASE

POWER FACTOR

> 0.99

#### EFFICIENCY

90% - 93%

OUTPUT WAVEFORM

PURE SINE WAVE

### GENERAL

#### PHYSICAL

DIMENSION D X W X H (mm)

107 x 438 x 480

167.5 x 500 622

NET WEIGHT kgs)

15.5

45

COMMUNICATION INTERFACE

RS-232/USB

INTELLIGENT SLOT

OPTIONAL SNMP, MODBUS ,AS400 CARD  
AVAILABLE

OPTIONAL SNMP, MODBUS ,AS400 CARD  
AVAILABLE

#### OPERATING ENVIRONMENT

HUMIDITY

0 - 90% RH(No Condensing)

OPERATING TEMPERATURE

0°C to 40°C

-10°C to 55°C

Product specification are subject to change without further notice