

HOSPITALS

DATA CENTRES

BANKS



Beacon[®]

ON LINE
UPS

PROTECT YOUR CRITICAL
LOADS



ONLINE UPS

MODEL

BSON 1K BSON 2V BSON 3K BSON 5K BSON 7K BSON 10K BSON 15K BSON 20 BSON 30K BSON 40K

CAPACITY

1KVA 2KVA 3KVA 5KVA 7.5KVA 10KVA 15KV 20KVA 30KVA 40KVA

DC VOLTAGE

24-36VDC 48-72VDC 72-96VDC 120-144VDC 120-240VDC 120-360VDC 240-384VDC 240/384VDC 360/384VDC 360/384VDC

INPUT VOLTAGE

160 – 280 VAC 300- 460 VAC 160 – 280 VAC 300- 460 VAC

INPUT POWER FACTOR

>0.92 >0.8- 0.95

OUTPUT VOLTAGE

230VAC +/- 1%

LOAD POWER FACTOR

0.8 (0.9 Optional)

OUTPUT FREQUENCY

50Hz/60Hz +/- 0.05(Free Running) +/- 8% Synchronising With Input Power

OUTPUT WAVE FORM

PURE SINE WAVE

THD

<2% FOR LINEAR LOAD <5% FOR LINEAR LOAD

OVER LOAD

Over Load 150% for 30 Sec, 125% for 5 Min

INVERTER EFFICIENCY

>91%

INVERTER SWITCHING DEVICE

GBT /MOFSET

RECTIFIER SWITCHING DEVICE

IGBT /MOFSET

CREST FACTOR

03:01:00

NOISE LEVEL

<62 db

COMMUNICATION

RS 232 /SNMP (Optional)

TECHNOLOGY

Intelligent DSP Design

COOLING

Temprature Controlled Forced Air

PROTECTIONS

INPUT FUSE| BREAKER OVERLOAD|SHORT CIRCUIT|BATTERY DEEP DISCHARGE |OVER CHARGING CURRENT|UNDER/OVER, HRC FUSE

STATIC CHANGE OVER

NO BREAK AUTOMATIC CHANGE OVER, MANUAL BYPASS FOR MAINTENANCE/EMERGENCY

GALVANIC ISOLATION

HIGH FREQ MODEL INVERTER TRANSFORMER

DISPLAY

Input Voltage, Output voltage, Frequency, Battery Voltage , Load Current, System Status, Trip Conditions & Alarms

AMBIENT TEMPERATURE

0 degree to 55 degree Celcius

HUMIDITY

Relative Humidity 5%- 95% non condensed



Beacon Power Systems

Piraroor, P.O Kalady, Eranakulam Dist,
Kerala-683574, India, Phone: 0484 2460594,
E-mail: Info@beaconpowersys.com