



DRAGON POWER ON 1 KVA-3 KVA

The UPS with ECO
operation mode that
works with high fidelity



lbspower.com





DRAGON POWER ON

1 KVA- 3 KVA

RACK/TOWER UPS ONLINE UPS

The Dragon Power ON Series (1-3 KVA) features a design that allows it to be converted to a rack or tower.

It supports economic mode operation (ECO) that makes it more adaptable to your needs. The patented Mimic LCD screen can be rotated by simply pressing the front button. This screen allows monitoring and accessing the status of the UPS, you can also check the estimated time remaining in that space.



Applications



Finance



Telecom



Energy



Medical



Government

- Output power factor 0.9
- SNMP Card works with USB or RS-232 together.
- Hot swappable battery.
- Cold start.
- Critical and no critical loads can be configured.
- Emergency shutdown.
- The frequency converter mode can be configured.



VI
TYPE



Service



1:1
PHASE



Dragon Power ON (1-3KVA) is available with internal batteries or combined with external battery cabinets for more autonomy.

Ideal to protect:

- Servers
- Banking & Finance
- Medical equipments
- CCTV
- Industry



Hot Swappable
Battery Pack



Digitally Controlled
Technology



95.5% AC/AC
Efficiency



SNMP Card



Rack/ Tower
compact design



ECO Function



LCD Digital Display
moved vertically and
horizontally



Smart RS232+
USB+EPO Interface



CHARACTERISTICS	MODELS			
DRAGON POWER ON	1 KVA	1.5 KVA	2 KVA	3 KVA
INPUT				
VOLTAGE (VAC)	80-145 VAC @ Complete Load 70-145 VAC @70%< load ≤ 80% 60-145 VAC @ 60%< load ≤ 70% 55-145 VAC@< load ≤ 60%			
FREQUENCY (HZ)	44Hz-55Hz@50Hz/55-66 Hz@60Hz (auto-detection)			
POWER FACTOR	≥0.99			
THDi	<5%			
PHASE	One Phase with ground			
MAX INPUT CURRENT	13	15	20	29
INPUT BREAKER REQUIRED	1x15 A	1x20 A	1x30 A	1x32A
OUTPUT				
VOLTAGE (VAC)	100/110/115/120/127 VAC			
POWER FACTOR	0.9			
VOLTAGE REGULATION	±1%			
CREST	3:1			
FREQUENCY (HZ)	46-54Hz@50Hz/56-64Hz@60 Battery Mode: 50/60 Hz			
THDu	≤3% (linear load) ; ≤5% (no-linear load)			
OVERLOAD CAPACITY	30S @ 100%-150%; 300ms @>150%			
WAVEFORM	Onda Sinusoidal Pura			
EFFICIENCY				
AC MODE	93%			
BATTERY MODE	90%			
ECO MODE	98%			
BATTERIES				
BATTERY NUMBER/SET	2	3	4	6
BATTERY TYPE	12V,9Ah			
RECHARGE TIME (TO 90%)	5 hours			
CHARGING CURRENT (MAX)	1.4 A			
BATTERY RATED VOLTAGE	24 VDC	36 VDC	48 VDC	72 VDC

CHARACTERISTICS	MODELS			
DRAGON POWER ON	1 KVA	1.5 KVA	2 KVA	3 KVA
PHYSICAL				
DIMENSION (W*D*H) mm	440 x 430 x 86.5		440x542x86.5	440x720x86.5
NET WEIGHT (KG)	13.9	17.8	20.1	23.3
INDICATORS				
AUDIBLE ALARM	Battery Mode : Sounding every 4 seconds Low Battery: Sounding every second Overload: Sounding twice each second Fault: Sounding Continuously			
COMMUNICATION				
SMART RS232/USB	External Modbus card supported by RS232,Software supports Windows Family, Linux, FreeBSD			
INTELLIGENT SLOT	Mini SNMP slot (independent to RS232) - Compatible with network card.			
ENVIRONMENT				
NOISE	<50dB@ 1m			
OPERATION TEMPERATURE	0~40°C			
RELATIVE HUMIDITY	0 ~ 90%, no condensation			
STANDARDS				
STANDARDS	UL			



Dragon Power ON
(Frontal View)



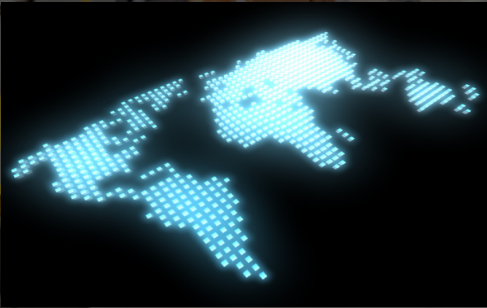
Dragon Power ON
(Rear View)

LBS POWER

Since its foundation in 2005, LBS is specialized in the production and distribution of UPS and equipment of low and medium voltage for electrical solutions.

Its core business is based on offering excellent products, which allow enormous savings by providing clean energy, respecting the environment and solving mission-critical energy situations for its customers, in addition to provide excellent technical service and 24/7 assistance.

OUR COMPANY



LBS has offices in Mexico and the United States and a production factory in Italy.

Additional Services



Technical Service



Diagnostic Service



Pre sale and Post sale Advice



Preventive and Corrective Maintenance



Energy quality study

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