

DRAGON POWER PLUS 70

70 KVA- 700 KVA

High scalability
adaptable to your
requirements



lbspower.com





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70 KVA- 700 KVA

MODULAR UPS ONLINE UPS

Modular and double conversion online UPS with a capacity of (70-700KVA). Each power module allows you to check its operating status independently.

With a high overload capacity of 700K in 10 modules. It has a 10" LCD touch screen, through which you can adjust the current charge.



Applications



Banks



Telecom



Datacenter



Médical



Government

- 480 VAC, 3 phases, 3 wires without neutral.
- 70 KW for single power module in 3 U.
- Single 42U cabinet up to 700KW.
- N+1 or N+X parallel redundancy for power guarantee.
- Modular design decreases MTTR (Medium Time To Repair)
- High Scalability.
- Built-in maintenance bypass switch for easy maintenance without interruptible.
- Flexible battery configuration and adjustable charging current.





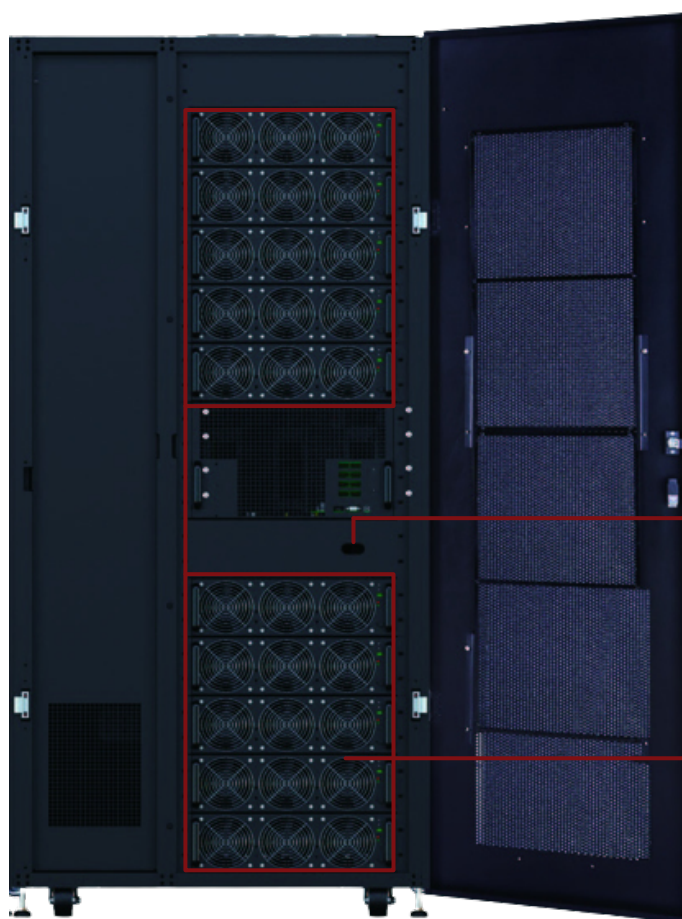
Product Overview

10" touch LCD Screen

- Adjustable charging current via LCD Panel.
- Operation status for each power module.



Front View



Open View

Multiple Communication

Power Module

- Vertical expansion up to 10 power modules.
- N+1 parallel redundancy for power guarantee.



Independent Switch Cabinet



CHARACTERISTICS	MODEL S	
DRAGON POWER PLUS 70	350 KVA	700 KVA
PHASE	3 phase in/ 3 phase out	
CABINET CAPACITY	350 KW	700 KW
BATTERY TYPE	External Battery	
ONE POWER MODULE CAPACITY	70 KVA/70 KW	
MAX. POWER MODULE NUMBER	5	10
INPUT		
NOMINAL VOLTAGE	3 X 480 VACM (3 Ph without N)	
VOLTAGE RANGE	330 VAC-528VAC	
FREQUENCY RANGE	50/60 Hz (Auto sensing)	
POWER FACTOR	>0.99 a 100% load	
HARMONIC DISTORTION	<4% a100% load	
OUTPUT		
NOMINAL VOLTAGE	3 x 480 VAC (3 Ph without N)	
VOLTAGE REGULATION (STEADY STATE)	≤± 1%	
NOMINAL FREQUENCY	50/60 Hz	
FREQUENCY RANGE (SYNCHRONIZED)	46 Hz ~ 54Hz o 56 Hz ~ 64 Hz	
OVERLOAD CAPABILITY	1 hour for ≤ 110%, 10 mins for 111% ~ 125%, 1 min for 126% ~ 150% y 200 ms for > 150%	
HARMONIC DISTORTION	≤ 2% THD (Linear Load)	
EFFICIENCY	96%	
BATTERIES		
NOMINAL VOLTAGE	+/- 192V ~ +/- 240V (Selectable)	
MAXIMUM VOLTAGE	+/- 240V (12V x 40 Pcs)	
MINIMUM VOLTAGE	+/- 192V (12V x 32 Pcs)	
FLOATING CHARGE VOLTAGE	2.28V / Cell (2.25 ~2.33 Selectable)	
BOOST CHARGING VOLTAGE	2.35V/Cell	
TEMP COMPENSATION	Yes	
MAX CHARGING CURRENT (PER POWER MODULE)	18 A (adjustable)	



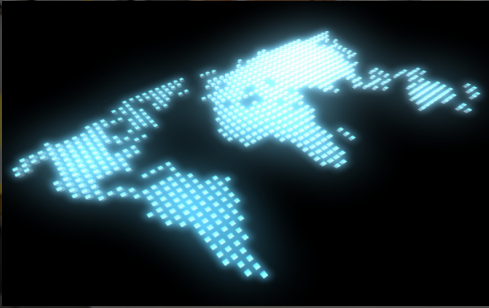
CHARACTERISTICS	MODELS	
DRAGON POWER PLUS 70	350 KVA	700 KVA
PHYSICAL		
CABINET DIMENSION (DxWxH) mm	1100x600x2010	1100x1350x2000 (Con gabinete de bypass externo) 1100x900x2000 (Sin gabinete de bypass externo)
NET WEIGHT (KG)	516	1290 (Con gabinete de bypass externo) 984 (Sin gabinete de bypass externo)
ENVIRONMENT		
OPERATING TEMPERATURE	0 ~ 40°C	
RELATIVE HUMIDITY	0 ~ 95% (no condensation)	
ALTITUDE	<1000m for nominal power	
IP PROTECTION	IP 20	
MANAGEMENT		
SMART RS-232/USB	Supports Windows family, Linux and MAC	
SNMP (OPTIONAL)	Power management from SNMP manager and web browser	



LBS POWER

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

Its core business is based on giving 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 providing excellent technical service and 24/7 assistance.



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

OUR COMPANY

Additional Services



Technical Service



Diagnostic Service



Pre sale and Post sale Advice



Preventive and Corrective Maintenance



Energy quality study



LBS Power Technologies



USA

2385 NW Executive Center Dr
Suite 100, Boca Raton, FL.
33431, USA



(+1) 772-444-3135



info@lbspower.com



www.lbspower.com



Lemonroy Business Solutions



México

Calzada de la Viga 918
Col. Santa Cruz, CP. 08910,
Alcaldía Iztacalco,
Ciudad de México



(+52) 55-5484-8417
(+52) 55-5554-3907



ventas@lemonroy.com



www.lbspower.com