

## AC RETROFIT

LU X POWER<sup>TEK</sup>

# LXP 3600 ACS



- Octopus smart time of use, weather optimize
- Retrofit any on-grid/micro-grid system to energy storage system
- On/off grid seamless switching under 20ms
- Battery charging/discharging current: 70A
- 3600W nominal AC output power
- Support up to 6pcs in parallel



**NOTE:**

Intelligent charge feature is only available in the UK for now,  
supporting regional customization



## SpecifiCation

Your Reliable  
Energy Solution  
Partner

LXP 3600 ACS/LXP 3600 50POD	
<b>Battery</b>	
Compatible battery type	Lithium-Ion/Lead-Acid
Rated battery voltage(V)	48
Battery voltage range(V)	40-60
Max. charging voltage(V)	60
Max. charging/discharging current(A)	70
Max. charging/discharging power(W)	3600
Force wake up battery from Grid fuction(Y/N)	Y
<b>Grid</b>	
Rated AC voltage(V)	230
Rated AC frequency(Hz)	50/60
Rated AC output current(A)	16
Rated AC output power(W)	3600
Max. AC input current(A)	26
PF	0.99(Adjustable from 0.8 leading to 0.8 lagging)
THDI	< 3%
Rated AC current of BYPASS relays(A)	40
<b>UPS</b>	
Rated output power(W)	3600
Rated output voltage(V)	230
Rated output current(A)	16
Rated output frequency(Hz)	50/60
peak power, duration	4500W, 30s
Switching time	20ms
Wave form	Sine wave
THDV	< 3%
Parallel capacity	6
<b>Efficiency</b>	
Max. efficiency	97.3%
Max. charging efficiency	94.5%
Max. discharging efficiency	94.5%
<b>Protection</b>	
Over current/voltage protection	YES
Anti-Islanding protection	YES
AC Short-circuit current protection	YES
Grid monitoring	YES
AC Surge protection Type III	YES
<b>General</b>	
Dimensions(W*H*D)	650*440*220mm/25.6*17.3*8.6inch
Weight	15.6kg/34.4lbs
Ingress protection rating	IP65
Operating environment temperature range	-25-60°C
Storage temperature range	-40-65°C
Relative humidity	0-95%
Display & Communication interface	LCD, RS485/Wi-Fi/CAN
Warranty	5 years
Cooling method	Natural Cooling
Topology	Transformer-less
Altitude	2000m
Noise emission(Typical)	< 25dB
AC connector(AC connector)	AC connector
<b>Standards &amp; Certification</b>	
IEC62109-1, IEC62040, EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011+ AC:2012, EN 61000-3-2:2014, EN 61000-3-3:2013, VDE-AR-N 4105 EN50549-1, G98, G100	