

# LXP 3600 ACS



- Retrofit any on-grid system to energy storage system
- Intelligent charge feature
  - Weather forecast compensation
  - Update electricity price automatically
- Retrofit any on-grid/micro-grid system to energy storage system
- Economize charging/discharging schedule automatically
- Integrated UPS module
- On/off grid seamless switching under 20ms



NOTE:

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

supporting regional customization

## SpecifiCation

Battery		LXP 3600 ACS/LXP 3600 SQPOD
Compatible battery type	Lithium-ion/Lead-Acid	
Rated battery voltage(V)	48	
Battery voltage range(V)	48-60	
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	
Grid		
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	
Max. AC input power(W)	6000	
PF	0.99(Adjustable from 0.8 leading to 0.8 lagging)	
THDI	< 3%	
Rated AC current of BYPASS relays(A)	40	
UPS		
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	
Efficiency		
Max. efficiency	97.3%	
EU efficiency	97.0%	
Max. charging efficiency	94.5%	
Max. discharging efficiency	94.5%	
Protection		
Over current/voltage protection	YES	
Anti-islanding protection	YES	
AC Short-circuit current protection	YES	
Grid monitoring	YES	
AC Surge protection Type III	YES	
General		
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	
Topology	Transformer-less	
Altitude	2000m	
Noise emission(typical)	< 25dB	
DC connector(VP-D4/MC4(Optional))	/	
AC connector(AC connector)	AC connector	
Standards & Certification		
AS4777.2 .1, EN50549, VDE-AR-N 4105, IEC62109, IEC62040, G98, G100		

