

AC RETROFIT

LXP 3600 ACS



- Octopus smart time of use, weather optimizer
- Retrofit any on-grid/micro-grid system to energy storage system
- On/off-grid seamless switch under 20ms
- Max. battery charging/discharging current: 70A
- 3600W nominal AC output power
- Supports up to 6 units in parallel



NOTE:

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



Specification

Your Reliable
Energy Solution
Partner

Battery		LXP 3600 ACS/LXP 3600 SQPOD
Compatible battery type	Lithium-ion/Lead-Acid	
Rated battery voltage(V)	48	
Battery voltage range(V)	40~60	
Max. charge voltage(V)	60	
Max. charge/discharge current(A)	70	
Max. charge/discharge power(W)	3600	
Force wake up battery from Grid fuction(Y/N)	YES	
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 intput current(A)	26	
PF	0.99 (Adjustable from 0.8 leading to 0.8 lagging)	
THDI	<3%	
Max. continuous AC passthrough current(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%	
Max. charge efficiency	94.5%	
Max. discharge 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(°C)	-25~60	
Storage temperature range(°C)	-40~65	
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	YES	
Standards & Certification		
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		