

AC RETROFIT

LXP 3600 ACS



- Retrofit any on-grid/micro-grid system to energy storage system
- Battery charging/discharging current: 70A
- Octopus smart time of use and weather optimize
- On/off grid seamless switching
- Support up to 8pcs in parallel
- Separate EPS port for flexible load management



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)		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 input 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)	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