

AC Coupled Inverter

LXP ACS 3600



Your Reliable Energy Solution Partner

- Stronger EPS
- Intelligent working modes
- Generator interface available
- Easy to use with battery
- IP65, indoor & outdoor use
- Free monitoring & remote upgrade
- Retrofit any on-grid systems to be able to run battery
- Plug & Play, seamless switching under 10ms



Specification

Battery	ACS 3.6k
Compatible Battery Type	Lithium-ion, Lead-Acid etc.
Nominal Battery Voltage	48V.d.c
Max. Charging Voltage(V)	<=60 V(Configurable)
Max. Charge/Discharge Current	70A / 70A
Battery Capacity(Ah)	100Ah
Charging Mode for Li-Ion Battery	Self-adaption to BMS
Charging for Lead-acid Battery	3-stage adaptive with maintenance
Battery Back Feed Current	0A
Grid	
Nominal AC Output Power to Utility	3600VA
Max. AC Output Power to Utility	3600VA
Max. AC Input Power from Utility	5980VA
Max. AC Output Current to Utility	16A
Max. AC Input Current From Utility	26A
Nominal Output Voltage	220/230V.a.c
AC Voltage Range	180 - 270V.a.c
Nominal AC Frequency	50Hz/60Hz
AC Over Current Protection	31A
Power Factor	1(adjustable 0.8leading -0.8lagging)
THDI	<3%
AC Over Voltage Category	Category III
EPS	
Max. Output Power	3600VA
Nominal Output Voltage	230V.a.c
Nominal Output Frequency	50Hz / 60Hz
Max. Output Current	16A
Peak Power	4500VA, 30s
THDV(linear load)	<3%
Switching Time	Typical 0.01s
Back-up Over Current Protection	31A
Efficiency	
Max. Charge / Discharge Efficiency	96%
Protection	
Reverse Polarity Protection	YES
Over Current/Voltage Protection	YES
Anti-islanding Protection	YES
AC Short-circuit Protection	YES
Leakage Current Protection	YES
Ground Fault Monitoring	YES
Grid Monitoring	YES
Ingress Protection Degree	IP65 / NEMA4X
General	
Dimension(mm)	560*440*220
Weight	15.6 kg
Topology	HF
Cooling Concept	Natural Convection
Relatively Humidity	100%
Altitude	<4000m
Noise Emission	<25dB
Standby Consumption	<5W
Display & Communication Interfaces	LCD, LED, RS485, Wi-Fi, CAN
Standards	
G98, G83, VDE-AR-N4105, EN50549, IEC62040, IEC62109-1/-2	