

All In One Residential Energy Storage(Triple Phase)

Pile S



Safe&Reliable

CATL high performance LFP battery



Increased PV power input

20KW PV input. 10KW charging and 10KW AC output



UPS function

10KW 3 phase backup output, on/off grid switching time is less than 20ms



Various Applications

EMS included, widely used

Model	PXS-100/102-LK3	PXS-100/204-LK3	PXS-100/306-LK3	PXS-100/408-LK3
PV String Input				
Nominal Voltage				720V
MPPT Voltage Range				140V-1000V
Start Voltage				200V
Number of MPPT				2
Strings Per MPPT				1
Max. Input Current Per MPPT				15A
AC Output (Grid)				
Nominal AC Output Power				10kW
Nominal AC Voltage				400Vac
Nominal Output Current				14.5A
Battery Input				
Battery Type				LFP (LiFePO4)
Nominal Battery Voltage				51.2V
Max. Charging Current				160A
Max. Discharging Current				200A
Battery Specifications				
Rated Energy	10.24KWh	20.48KWh	30.72KWh	40.96KWh
Nominal Voltage				51.2V
Cycle Life				10000cycle
Modules Connection				Max. 8
Warranty				10 years
AC Output (Backup)				
Nominal AC Output Power				9.2kW
Max. AC Output Power				10kVA
Nominal Output Current				13.3A
Nominal Output Voltage				400V
Efficiency				
Max. PV Efficiency				97.6%
Euro. PV Efficiency				97.0%
General Specifications				
Products dimension,W*D*H (mm)	540*240*1960mm	1080*240*1960mm	1620*240*1960mm	2160*240*1960mm
Weight		157kg 265kg	373kg 481kg	
Operating Temperature Range				0 to 50°C charging / -10 to 50°C discharging
IP Grade				IP65
Topology				Battery Isolation
Communication				RS485/CAN2.0/WIFI/4G
Display				LCD/APP
Certifications&Standards	IEC 62619;UN38.3;UL1973;IEC 60068;IEC 61000;IEC 61683;IEC61727;IEC62116;EN 50549;VDE-AR-N-4105;CEI-021			

Up to two battery packs in a cluster

