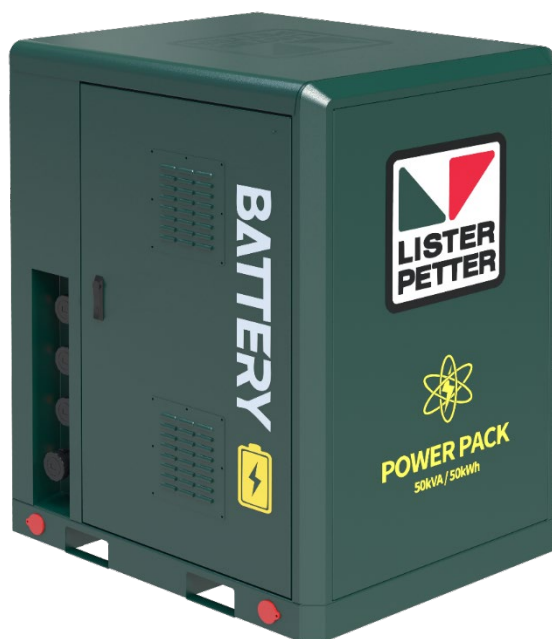


Battery Energy Storage System



Model: LP200BESS

LP200BESS



Battery Energy Storage System

can be used independently to achieve zero noise and emissions. The system can also be combined with Engine Power or any kind of renewable sources such as solar, wind power to offer the complete Hybrid solution. The system can be optimized further for the electrical system to control CO₂ emissions and noise, achieving better fuel consumption, and avoiding low-load operation of the engine driven generator. This makes the BESS a perfect hybrid operating system, driving towards a cleaner future for the next generations.

Model	LP200BESS
AC Output	
AC Voltage Range	230-400VAC +/-2%
Frequency Range	50HZ +/-0.5%
Stored Battery Power	200kwh
Invertor Rated Power	100kw
Continuours Power @25°C (VA)	100kw
Maximum Feed Through Current (A)	3*180A
AC Output - Invertor	
AC Voltage Range(VDC)	630-900VDC
Input Frequency	50Hz/60Hz±2.5Hz
Maximum Feed Through Current(A)	3*180A
Weight(kg)	50kg
Dimension(mm)	480(W)*176(H)*620(D)
Connections	
Input	1*125A(3 phases)
Output	1*63A(3 phases), 2*125A(3 phases)
Battery	
Charging & Discharging Cycle Efficiency	0.5
Cellular specification	280Ah 51.2V
Usable Capacity	14.3kwh
Norminal Output	7.15kw
Norminal Voltage	51.2VDC
Efficiency	1.0
Battery Managment System	Yes
Active Balancing System	Yes
Voltage Range	48.8-57.6V
Communication Interfaces	RS485/CAN
Life Span Cycle	5000 (+25°C , 0.5C)
Weight(kg)	103±1.5kg
Dimension(mm)	753.1(L)*476.0(W)*230.0(H)
General Data	
Dimension(mm)	1810(W)*2250(H)*1100+300(D)
Weight(kg)	2870kg



Head Office
Lister Petter Engine Company Limited

Rutland House, Minerva Business Park,
Lynch Wood, Peterborough, PE2 6PZ.

Distributor Address



enquiry@listerpetter.com
www.listerpetter.com