

MBE LX 45/90 Gel

MBE LX 45/90 Gel is a universal Battery Energy Storage System (BESS) ideally suited to a range of applications, delivering reliable power in the most cost-effective and environmentally sensitive way. Energy stored within the unit is converted electronically into mains power. Power can be derived from solar PV, connection to an external grid supply, or from a diesel generator or wind turbine. Energy is automatically managed from any or all of these energy sources to ensure the most efficient, lowest maintenance, and best environmental impact is achieved.

Gel lead acid OPzV-S battery

Deep cycle, maintenance-free, gel lead acid OPzV-S battery.

REMOTE MONITORING

GSM remote communication ensures real-time monitoring and maintenance can be effected from any location in the world.

OPTIONS

- Solar PV charge controller
- EV charge point
- Custom sockets distribution
- Custom colors



Picture shown may not reflect actual configuration.

MBE LX 45/90 Gel	Technical Data	
Output specifications		
Output power - Continuous	kVA	45
Output power - 5s peak	kW	90
Voltage	V	400/230
Frequency	Hz	50/60
Phases		3
Battery specifications		
Type		Gel lead acid OPzV-S
Design life (to 80% DoD)	cycles	2000
Nominal capacity	kWh	90
Usable energy (@80% DoD)	kWh	72
Max. input (3-phase 400V)	A	125
Max. input (1-phase 230V)	A	125
System pass-through capacity	A	100
Protection rating	IP	34
Operating temperature range*	min./max. °C	-20 / +45
Dimensions		
Length x Width x Height	mm	2012 X 1183 X 2012
Weight	kg	3995
* Charging is suspended below 0 °C		