

## MBE MX 10/40 Gel

**MBE MX 10/40 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 MX 10/40 Gel	Technical Data	
Output specifications		
Output power – Continuous	kVA	10
Output power – 5s peak	kW	15
Voltage	V	230
Frequency	Hz	50/60
Phases		1
Battery specifications		
Type		Gel lead acid OPzV-S
Design life (to 80% DoD)	cycles	2000
Nominal capacity	kWh	40
Usable energy (@80% DoD)	kWh	32
Max. input (3-phase 400V)	A	–
Max. input (1-phase 230V)	A	63
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	1600 x 1020 x 1708
Weight	kg	1930
* Charging is suspended below 0°C		