

# OFF GRID MX 10/40



## FEATURES:

- Deep cycle maintenance free OPzV-S battery
- Advanced EMS with touch screen control
- 63A pass-through capacity
- GSM Remote monitoring
- Full system DC isolator with pre-charge
- V50 Power™ for enhanced DC bus stability
- Auto Full system bypass



### Output specifications

Output power (Continuous)	kVA	10
Output power peak (5s)	kW	15
Voltage	V	230
Frequency	Hz	50
Phases		1



### Battery specifications

Battery (Type)		Gel lead acid OPzV-S
Battery design life (to 80% DoD)	cycles	2000
Battery Nominal capacity (sizes)	kWh	40
Usable energy (@80% DoD)	kWh	32



## General Description

Off Grid MX is a universal Battery Energy Storage system (BES) 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 integrated 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. Remote communication ensures real time monitoring and maintenance can be effected from any location in the world.



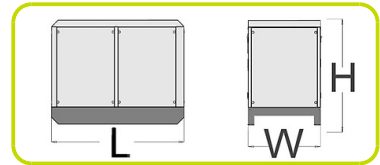
### Input specifications

Maximum input Single Phase 230V	A	63
System pass-through capacity	A	63



### Installation data

Length	(L) mm	1600
Width	(W) mm	1020
Height	(H) mm	1708
Weight	kg	1930
Protection rating	IP	34
Operating temperature range (charging suspended below 0°C)	°C	-20...55



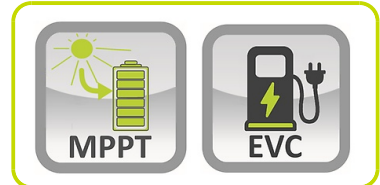
### Instruments, controls & connections

System status control panel	✓
Battery condition	✓
Battery main isolator	✓
GSM Remote monitoring	✓
Automatic generator auto-start signal	✓
Input 32A 230V IEC 60309 1ph	1
Input connection	IEC 60309 or hardwire stud
Output MCB's	✓
Output 32A 230V IEC 60309 1ph	2
Output connection AC	IEC 60309 or hardwire stud



### Optional features

Solar PV charge controller	MPPT
EV Charge Point	EVC
Custom sockets distribution	CS
Custom colors	DCCX



### BATTERY STORAGE DEPLOYED WITH GENERATOR TO SUPPLY SITE WELFARE UNIT



The information is aligned with the Data file at the time of download. Printed on 17/05/2022 (ID 16631)

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