



# Power Guardian

Model: ME-GSE-PG63A

Optimize the energy distribution and scheduling,  
increase backup time by at least 40% during blackouts.



## Holistic Energy Integration

integrate power from grid, PV, wind turbine,  
battery and generators



## Load Prioritization

efficiently classify and prioritize home loads,  
pairing with preset SOC value



## Automatic Control

automatically shut down lower priority loads to  
prevent overloads and manual intervention



## Control from Anywhere

effortlessly manage your energy control from  
anywhere at any time via intuitive mobile APP



## Maximize Backup Time

shed large loads in a smart way to maximum  
backup time during blackouts



## Modular Design

allowing extensible channels of  
smart loads control: 4,8,12,16

## Technical Parameter

Model	ME-GSE-PG63A
Performance	
Inverter port current	63A
Current of the backup power port	63A
Current of the non-backup power port	63A
Grid port current	63A
Rated AC voltage	230/400V, L+N+PE/3W+N+PE
Working mode	On-grid or off-grid
On/Off-grid switchover time	20ms
Generator	Integrated
Number of controlled channels	4 (Support for extensions)
Energy monitoring	Integrated
Active energy distribution	Integrated
Bypass mode	Manual
General Data	
Weight	≤15kg
Dimensions (W x H x D mm)	400 x 500 x 100
User Interface	App
Communication with Portal	Wi-Fi / Ethernet
RS485	Integrated
Max. Operating Altitude (m)	4000 m4000 m
Operating Temperature Range (°C)	-20 ~ +55
Ingress Protection Rating	IP55