

TECHNICAL DATASHEET

Solar Backup Box

PV ELECTRICAL PANEL WITH PROTECTION AND BACKUP

// OFF-GRID

Solar Backup Box - electrical panel with integrated protections and an ultra-fast automatic backup system for photovoltaic installations. It guarantees uninterrupted power supply during grid outages, complies with anti-islanding regulations, includes an input for an electric vehicle charger, and features IP65 protection for outdoor installation.

- ✓ Electrical panel with integrated protections and backup systems.
- ✓ Ultra-fast automatic backup switching.
- ✓ Anti-islanding compliant.
- ✓ Uninterrupted power supply.
- ✓ EV charger input included.
- ✓ Compact design and easy installation.



FEATURES


HIGH POWER
HYBRID READY
ON/OFF GRID
IP65 PROTECTION
BATTERY COMPATIBLE

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PV ELECTRICAL PANEL WITH PROTECTION AND BACKUP

MODEL	SOLAR BACKUP BOX
UTILITY SUPPLY	
Rated Voltage	220 / 240 VAC - L /N/PE
Rated Frequency	50 / 60Hz
Max. Input Current (Single Phase)	100A
Max Wire input	50 mm ²
INVERTER GRID	
Rated Voltage	220 / 240 VAC - L /N/PE
Rated Frequency	50 / 60Hz
Max. Input Current (Single Phase)	32A
Max Wire input	16 mm ²
INVERTER BACKUP	
Rated Voltage	220 / 240 VAC - L /N/PE
Rated Frequency	50 / 60Hz
Max. Input Current (Single Phase)	32A
Max Wire input	16 mm ²
EV CHARGER	
Rated Voltage	220 / 240 VAC - L /N/PE
Rated Frequency	50 / 60Hz
Max. Input Current (Single Phase)	32A
Max Wire input	16 mm ²
FEATURES	
Cooling Concept	Natural
Installation	Wall mounted
Operating Temperature Range (°C)	-25 ~ +60
Dimensions (W * H * D)(mm)	380 / 420 / 160
Net Weight (kg)	14
Ingress Protection	IP65