

BATTERY PACK 45 KVA 60 KWH

IDEAL USAGE

Projects that require sustainable remote site power or emergency backup

APPLICATIONS

- Preventing low loading of generators. Optimizing the operation in respect of efficiency and reduction of CO² emission.
- Absorbing peaks of power demand due to the starting of electrical motors.
- Additional power above the threshold set – peakshaving
- Providing Uninterruptible Power Supply during a power failure



WEIGHT AND DIMENSIONS

Length:	1,450 mm
Width:	1,238 mm
Height:	1,792 mm
Weight:	1,440 kg
Lifting Options:	Flexible maneuverability options with forklift pockets, lift & drag skid and lifting ring

PERFORMANCE

Single point power supply:	Input: 400 (325-450) V Output: 400 V, 50 Hz – Three Phase
Output power:	45 kVA (30min)
Nominal Capacity:	56.5 kWh
Charge Time:	2h 45min @ 21 kW
Discharge Time:	5h 30min (External Source + Storage), 2h 15min (Storage)
Max Output Current (A/ph):	125 A (External Source + Storage), 45 A @ 400 V (Storage)
Continuous Pass Through:	100 A per phase (External Source only)
Max Combined Output:	125 A per phase (External Source + Storage)
Max Power Assist:	26 kVA
Operating Temperature Range:	- 10 °C up to + 40 °C
Life Cycle/Charge Cycle:	6000 hr / < 3 weeks
Water/ingress Protection Rating:	IP55
Battery Chemistry:	LFP Batteries with BMS

CONNECTIONS

- Powerlock Type Connectors Inlet, Power Terminals, 125 A CEE Inlet (Three Phase) & 16 A CEE Inlet (Single Phase)
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- MC4 Solar Input
- DC Connector
- RJ45 Connector (WAN)

COMMUNICATION & CONTROL

Control Panel:	ECM 7" Touch Screen Module: Intelligent on-board energy control module that communicates with the generator
Temperature Control:	Analogue Voltage Controlled Forced Air Cooling
Remote Generator Start:	Dry contact relay
Remote Communication:	POWR2 Portal for monitoring and optimization of performance

