


Zero Emissions  
Zero Noise

Model		MP12K-30V	MP12K-30C
Transfer Switch	A	100	35
Max AC Input	A	100	35
Inverter		Victron 15KVA (Single-phase)	12KW ( Three-phase)
Output Frequency and Voltage		50/60Hz:L/N/PE230V	50/60Hz:L1/L2/L3/N/PE400V
Rated AC Output and UPS Power	W	15000	12000
Peak Power 10s	W	27000	24000, 5 S
Max AC Output Current (A) Maximum	A	50	35
Max Efficiency		95%	97.50%
Charging			
Max Charging Current	A	200	260
Max Discharging Current	A	300	260
Solar			
Max PV Input Power		4000	9000
Max Open Circuit Voltage	V	250	800
MPPT Efficiency		>99%	99.9%
MPPTs Range	V	0~245	200~650
Batteries			
Rated Voltage	V	51.2	
Rated Capacity	Wh	5120 (Wh) multiplied by number of modules	
Max No. Modules		6	8
Max Capacity	KWH	30.72	30.72
Working Temperature		Charging Temperature 0~65℃ /Discharging Temperature -20~65℃	
Design Life		10+ Years	
Cycle Life		>6000 Cycles	
Authentication Level		IEC62619/CE/UN38.3	
Warranty		10 Years to 80% retention	

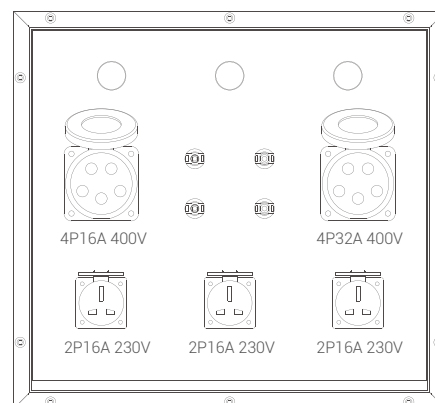
Monitoring		
WiFi		Yes
Ethernet		NO
Enclosure		
Colour		Grey/White
Protection Category		IP54




## Product Advantages

1. Pure Off-Grid System: A fully off-grid integrated solution combining solar, storage, and diesel energy, designed to meet the standards of multiple countries.
2. Uninterrupted Power Supply: In the event of a fault or interruption at any input terminal, the product automatically switches to the energy storage system, ensuring continuous operation without disruption.
3. Mobile Crane and Forklift Components: Equipped with a movable crane and forklift components, this product supports seamless switching between multiple usage scenarios.

SOCKETS OPTIONS		MP12K-30
IN	4P32A 400V	1
	PV	2
OUT	4P16A 400V	1
	2P16A 230V	3

Every socket include circuit breaker. Power Output protected by Earth Leakage Relay.



DIMENSIONS AND WEIGHT		MP12K-30V	MP12K-30C
Dimensions (L x W x H)	mm	1122.8*766*1311.8	
Weight	kg	540	480
Container Loading Size			
		8 units	
		18 units	

