

EMEX Mini


Space saving & high performance central power supply system

01



Features and benefits

- True AC/AC 50Hz output
- 1.5kVA rating with 525W for 3 hours, 700W for 2 hours and 1200W for 1 hour
- Ability to use standard proprietary AC distribution and protection devices on outgoing circuits
- Compatibilities with addressable test package using EMEX technology
- Excellent overload capability in full emergency mode
- Excellent recharge capability: 80% after 12-14 hours following rated discharge
- MCB protection throughout – no fuses
- Individual MCB protection for AC and DC circuits
- Cooling with on-demand operation (not continuously running)
- Integral maintenance bypass facility (ability to support output load in bypass mode whilst maintenance is performed)
- Maintained output as standard (switchable to non maintained)
- IP21 rate cabinet as standard
- Easy front panel access
- Simple installation
- Dimensions: H:1210 mm x D: 240 mm x W: 610 mm


 BS EN 61508 Functional Safety
 (Safety Integrity Level 2 Certified)
 KM 673347

EMEX Mini

Specification

Emex mini specification

Part no.	ELD8000.015
Description	Static Inverter EMEX Mini 1.5kVA 1-3H SPN
Mains supply	
Voltage / Frequency	230V. 50/60Hz
Phase	1 phase
Current	10A Max
Output (mains healthy)	
Voltage	230V (as supply)
Power	1500VA
Phase	1
Inverter output	
Voltage / Frequency	230V. 50/60Hz
Duration	1, 2 or 3 hour(s)
THD	< 5%
Waveform	Sinusoidal
Power factor range	0.9 lead to 0.7 lag
Phase	1
Over load	350 % for 5 sec @ 1 hour, 1000 % for 5 sec @ 3 hour
Inverter nominal rating	
VA	1,500 VA
Wattage	1200W 1 hour / 1000W 1.5 hours / 700W 2 hours / 525W 3 hours
Battery	
Ampere hour	24 Ah
Type	10 year design life - valve regulated lead acid (VRLA)
Physical dimensions	
Input / Output/ Auxiliary terminals	2.5mm
Cabinet	610mm wide x 240mm deep x1210mm tall
Weight (Including battery)	166kg Top entry gland plate
LED indications	
Mains healthy	
Supply from battery (mains failure or fault)	

EMEX Mini - Single phase 220-240 V 50/60 Hz

Commercial rating	ICEL rating	1 hour duration	2 hour duration	3 hour duration	Emex mini part no.
1500VA	1250VA	1200W	725W	525W	ELD8000.015

Note: EMEX Mini is a standard rated system for all autonomys shown above, the higher the load the shorter the Autonomy.