

STAVELEY

STAVELEY Mini LED Inverter, 120W



INPUT CHARACTERISTICS

Input Voltage (V).	220-240
Frequency (Hz)	50
Phase	Single Phase
Float Voltage (V)	27.5
Maximum Input Current (A)	<3.0
MCB Type	13A Fused Spur
Input Terminal Size (mm)	1.5
DC Supply (V)	24V
Input Efficiency at 100% Load	>95%

OUTPUT CHARACTERISTICS

Output Voltage (V)	220-240
Output Frequency (Hz)	50
Output Regulation	1-5% Dependent on Load
Output Phase	Single Phase
Low Voltage Disconnect (V)	19.2
System Duration (Hours)	3
Overload Capacity	20% continuously for > 1 hour, 150% continuously for 10 minutes, 200% continuously for <1 minute

BLE LIGHTING AND POWER LTD

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Efficiency (100% Load)	<95%
Output Category	Maintained
Change Over Time	0.05 Seconds
Output Protection	Fuse
Output Power (W)	120

ENVIRONMENT

Operating Temp (°c)	0 to +22
Relative Humidity	90% non-condensing
Altitude (m)	<1000
Noise (dBA)	20dBA at 1M
Ingress Protection (IP) Rating	IP22
Ventilation	Forced Air

GENERAL DATA (POWER)

Colour	White
Display Type	LCD
Fixing Locations	Wall Mount / Free Standing
Cable Entry	Top / Side
Product Warranty (Years)	1

BATTERIES

Battery Type.	Sealed Lead Acid
Battery Voltage (v)	12
Battery Ah (Ah)	24
Battery weight (kg)	9
Battery Quantity	2
Total Battery Weight (Kg)	18
Battery Duration (Hours)	3
Battery Service Life (Years)	10

INVERTER CUBICLE DIMENSIONS

Inverter Cubicle Height (mm)	305
Inverter Cubicle Width (mm)	472
Inverter Cubicle Depth (mm)	166

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Inverter Cubicle Weight (Kg)	16.5
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Ventilation Clearance - Rear (mm)	500
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Ventilation Clearance - Side (mm)	500
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BATTERY CABINET DIMENSIONS

Battery Cabinet Height (mm)	238
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Battery Cabinet Width (mm)	472
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Battery Cabinet Depth (mm)	174
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Battery Cabinet Weight (Kg)	7
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Battery Cabinet Quantity	1
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Total Weight excluding Batteries (Kg)	7
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Total Weight including Batteries (Kg)	25
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Ventilation Clearance (mm)	500
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WEIGHT

Total System Weight (Kg)	41.5
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STANDARDS & APPROVALS (POWER)

Product Manufactured in Accordance with	BS EN 50171:2021
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