



PRODUCT DATA SHEET

UNIBLOCK UBTD 1670 with 16,5MJ POWERBRIDGE

Uninterruptible Power Supply 1670kVA

Highlights

- Leading and lagging output power factor without derating
- Unlimited crest factor and 100% load step capability
- Inherent fault clearing ability for short circuit faults without bypass
- Very high efficiency
- Virtual unity input power factor
- 99% input/output harmonic isolation
- Natural sine-wave output
- Redundant on-board power supplies
- Highest reliability
- Medium voltage option available



Nothing protects quite like Piller

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Output (UPS)

Rated power	1670kVA
Rated active power	1336kW
Rated current	2410A
Rated voltage	400 / 231V \pm 5% (adjustable)
Rated frequency	50Hz (0,1% static self controlled / 1% on mains / 1% dynamic)
Power factor	0,8
Efficiency	95,5%

Input (UPS)

Rated voltage	400 / 231V \pm 10%
Rated frequency	50Hz \pm (1-5)% (adjustable)
Current distortion	< 3%
Power factor	0,99

General data (UPS)

Width	4600mm
Depth	1320mm
Height	2300mm
Weight	10610kg
max. backup time	10s

Options

- 4pole for neutral switching
- customer specific colours
- water cooling
- Castell-Key / Kirk-Key
- APOCONNECT (remote diagnostics)
- UNMS (Visualisation)
- DATAWATCH (shut-down)
- Profibus-DP
- Protocol-Gateway (3 maximum)
- I/O-card (3 maximum)
- SNMP-adapter with Ethernet Interface
- OPC-Server

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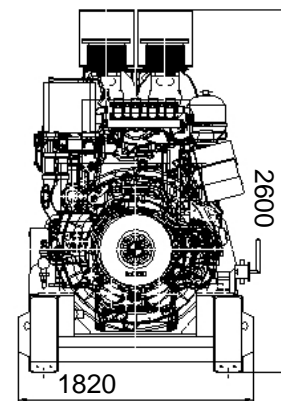
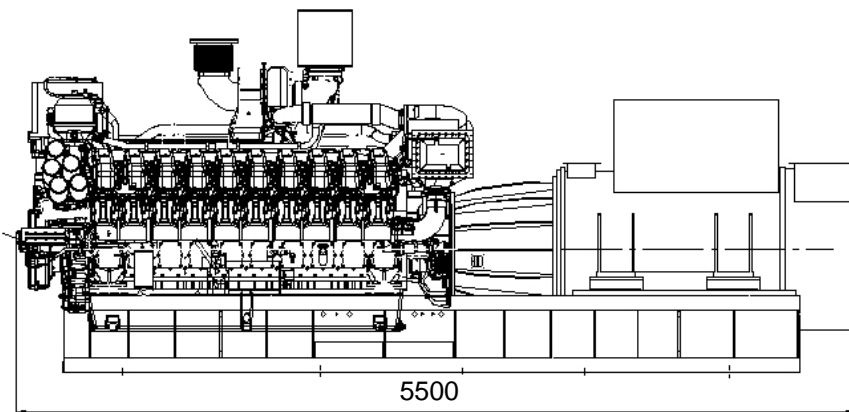
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MTU 12V4000G23

DHH 102.100



Electrical Output	1670kVA
Voltage	400V
Output (primepower rating ISO)	
■ fuel optimised	
■ emission optimised	1420kW
Overload capability	7% for 1h in 12h
Speed	1500
Number of cylinders	12
Heat rejection to room	
■ at normal operation	9kW
■ at Diesel operation	75kW
Humidity	95% (non-condensing)
Temperature at air intake	40°C
Combustion air	7920m ³ /h
Noise level (at distance of 1m)	
■ at Diesel operation	104dB(A)
Weight	18000kg
Dimensions	
■ Width	5500mm
■ Depth	1820mm
■ Height	2600mm
Cooling method (set top rad or table cooler)	table cooler
Altitude	400m



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Issue:
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Modifications reserved


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