

# PRODUCT DATA SHEET

## UNIBLOCK UBT with 6MJ POWERBRIDGE

### Uninterruptible Power Supply 420kVA - 625kVA

#### 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
- Medium voltage option available
- Highest reliability
- Water cooling available using building chilled water



Nothing protects quite like Piller

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## UNIBLOCK UBT with 6MJ POWERBRIDGE



UNIBLOCK	UBT 420	UBT 500	UBT 625
<b>Output</b>			
Rated power	420kVA	500kVA	625kVA
Rated active power	336kW	400kW	500kW
Rated current	606A	722A	902A
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	up to 96%		

### Input

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

### General data

Width	4110mm	4110mm	4110mm
Depth	1320mm	1320mm	1320mm
Height	2300mm	2300mm	2300mm
Weight	10160kg	10160kg	10160kg
max. backup time	21s	18s	14s

### Options

- 4pole for neutral switching
- customer specific colours
- Castell-Key / Kirk-Key
- water cooling
- 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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Modifications reserved