



PRODUCT DATA SHEET

UNIBLOCK UBTD with 16,5MJ POWERBRIDGE

Uninterruptible Power Supply 420kVA - 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
- Medium voltage option available
- Highest reliability
- Water cooling available using building chilled water



Nothing protects quite like Piller

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UNIBLOCK	UBTD 420	UBTD 500	UBTD 625	UBTD 800	UBTD 1100	UBTD 1670
Output						
Rated power	420kVA	500kVA	625kVA	800kVA	1100kVA	1670kVA
Rated active power	336kW	400kW	500kW	640kW	880kW	1336kW
Rated current	606A	722A	902A	1155A	1588A	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	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	3750mm	3750mm	3750mm	4600mm	4600mm	4600mm
Depth	1320mm	1320mm	1320mm	1320mm	1320mm	1320mm
Height	2300mm	2300mm	2300mm	2300mm	2300mm	2300mm
Weight	8310kg	8310kg	8310kg	10610kg	10610kg	10610kg
max. backup time	39s	34s	27s	21s	15s	10s

Options

- 4pole for galvanic isolation
- 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-adaptor with Ethernet Interface
- OPC-Server