



PILLER
Power Systems

PRODUCT DATA SHEET

UNIBLOCK

UBT 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



Nothing protects quite like Piller

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PRODUCT DATA SHEET

UNIBLOCK UBT with 16MJ POWERBRIDGE



UNIBLOCK	UBT 420	UBT 500	UBT 625	UBT 800	UBT 1100	UBT 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	4110mm	4110mm	4110mm	5300mm	5300mm	5300mm
Depth	1320mm	1320mm	1320mm	1320mm	1320mm	1320mm
Height	2300mm	2300mm	2300mm	2700mm	2700mm	2700mm
Weight	12060kg	12060kg	12060kg	17810kg	17810kg	20210kg
max. backup time	39s	34s	27s	22s	16s	12s

Options

- 4pole for galvanic isolation
- customer specific colours
- 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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Issue:
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Modifications reserved