PRODUCT DATA SHEET

PILLER
Power Systems

UNIBLOCK
UBR 150

Uninterruptible Power Supply
150kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

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PRODUCT DATA SHEET

UNIBLOCK
UBR 150

Output

Rated power	150kVA
Rated active power	120kW
Rated current	217A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,8
Efficiency	93%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	1905mm
Depth	862mm
Height	1902mm
Weight	2630kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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PRODUCT DATA SHEET

PILLER
Power Systems

UNIBLOCK
UBR 220

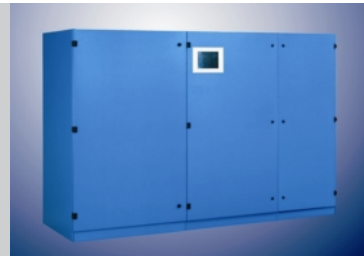## Uninterruptible Power Supply
220kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

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PRODUCT DATA SHEET

UNIBLOCK UBR 220

Output

Rated power	220kVA
Rated active power	176kW
Rated current	318A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,8
Efficiency	93%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	2438mm
Depth	865mm
Height	1900mm
Weight	3835kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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PRODUCT DATA SHEET

UNIBLOCK
UBR 330

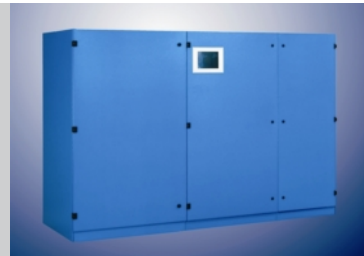## Uninterruptible Power Supply
330kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

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PRODUCT DATA SHEET

UNIBLOCK
UBR 330

Output

Rated power	330kVA
Rated active power	264kW
Rated current	476A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,8
Efficiency	93,5%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	2438mm
Depth	865mm
Height	1900mm
Weight	3910kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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PRODUCT DATA SHEET

UNIBLOCK
UBR 420

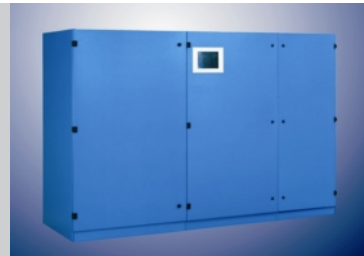## Uninterruptible Power Supply
420kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

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PRODUCT DATA SHEET

UNIBLOCK
UBR 420

Output

Rated power	420kVA
Rated active power	336kW
Rated current	606A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,8
Efficiency	93,5%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	2740mm
Depth	985mm
Height	1935mm
Weight	5395kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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PILLER
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UNIBLOCK
UBR 500

Uninterruptible Power Supply
500kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

Nothing protects quite like Piller

PRODUCT DATA SHEET

UNIBLOCK
UBR 500

Output

Rated power	500kVA
Rated active power	400kW
Rated current	722A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,8
Efficiency	94%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	2740mm
Depth	985mm
Height	1935mm
Weight	6590kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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PRODUCT DATA SHEET

UNIBLOCK
UBR 625

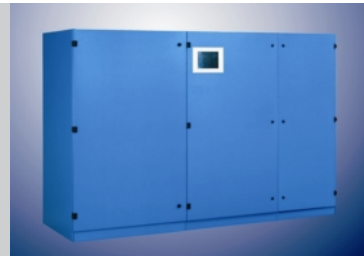### Uninterruptible Power Supply
625kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

Nothing protects quite like Piller

PRODUCT DATA SHEET

UNIBLOCK
UBR 625

Output

Rated power	625kVA
Rated active power	500kW
Rated current	902A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,8
Efficiency	94,5%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	2740mm
Depth	985mm
Height	1935mm
Weight	6590kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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PILLER
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UNIBLOCK
UBR 800

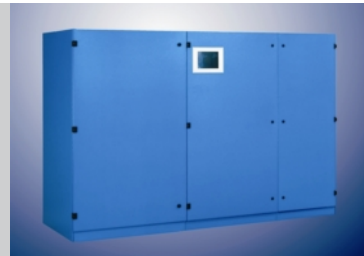## Uninterruptible Power Supply
800kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

Nothing protects quite like Piller

PRODUCT DATA SHEET

UNIBLOCK
UBR 800

Output

Rated power	800kVA
Rated active power	640kW
Rated current	1155A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,8
Efficiency	95%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	3662mm
Depth	1320mm
Height	2266mm
Weight	10695kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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PILLER
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PRODUCT DATA SHEET

UNIBLOCK
UBR 800 (PF0,9)

Uninterruptible Power Supply
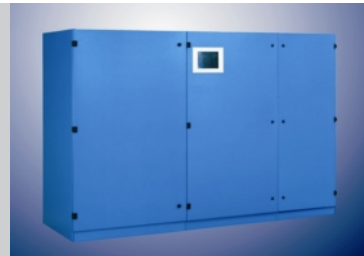### 800kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

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Output

Rated power	800kVA
Rated active power	720kW
Rated current	1155A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,9
Efficiency	95%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	3662mm
Depth	1320mm
Height	2266mm
Weight	10695kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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UNIBLOCK
UBR 1100

Uninterruptible Power Supply
1100kVA

Highlights

- Redundant on-board power supplies

- 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

- Natural sine-wave output

- Highest reliability

- Water cooling available using building chilled water

Nothing protects quite like Piller

Output

Rated power	1100kVA
Rated active power	880kW
Rated current	1588A
Rated voltage	400 / 231V ±5% (adjustable)
Rated frequency	50Hz (±0,1% static self controlled / ±1% on mains / ±1% dynamic)
Power factor	0,8
Efficiency	95%

Input

Rated voltage	400 / 231V
Rated frequency	50Hz ±5%
Current distortion	3%
cos φ mains 1	0,84 ind.
cos φ mains 2	0,95 - 1

General data

Width	3662mm
Depth	1320mm
Height	2266mm
Weight	12140kg
Backup time	customised

Options

- water cooling
- battery temperature sensor
- external remaining battery runtime display
- 4pole for galvanic isolation
- customer specific colours
- dual independent inputs
- filter cabinet / filter door
- 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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