

# Piller UB-V Series

HIGH PERFORMANCE UPS FOR DATA CENTRES



**PILLER**  
Power Systems

The new UNIBLOCK™ UB-V series UPS platform is designed for the typical large scale data centre and combines cost effective ownership with high reliability, efficiency and power density.

The UB-V Series UPS is Piller's latest generation of electrically coupled UPS. A completely new electronics platform affords even higher Reliability through advanced self-diagnostics and a revised internal architecture employing a unique real-time Ethernet communication protocol known as PillerLINK™. A patented ring topology provides redundancy between electronic boards powered by redundant power supplies that are fed from redundant sources.

The self-diagnostics allow the UB-V to monitor multiple operating and predictive maintenance parameters in real time. Using such resources, the units can reliably operate in certain installations without the need for any annual maintenance shutdown. This, combined with a five-year inspection and a very high operating Reliability, dramatically pushes up the UPS Availability and cuts the cost of ownership during the life of the unit.

With UPS ratings ranging up to 3600kVA / 3240kW, the UB-V Series offers continuous on-line efficiencies as high as 98% at full load and typically at least 97% at half load making it less costly to run than many of its contemporary rivals.

In all, the UB-V Series UPS for use in large scale data centres, improves Availability, operating costs and Reliability at the same time as reducing footprint and capital cost per kW. Its technology is based upon proven techniques developed over several decades and used to protect many of the World's leading Banks and similar pre-eminent mission critical facilities.

## UB-V SERIES UPS BENEFITS

- Up to 98% efficiency at full load, 97% at half load (IEC 62040-3)
- No routine annual maintenance shutdown
- Low and Medium voltage versions
- Lithium ion, VRLA or flywheel ride-through
- Suitable for export of embedded power
- Suitable for stabilisation of renewable energy sources
- Competitive footprint, saving 20% floor space
- Extended power range – single units up to 3240kW
- Advanced control system with self-diagnostics



# Piller UB-V Series

HIGH PERFORMANCE UPS FOR DATA CENTRES



**PILLER**  
Power Systems

## UB-V BATTERY

Type	Power Rating		Voltage / Frequency		W (mm)	Dimensions		Weight kg	Energy storage Type
	kVA	kW	V	Hz		D (mm)	H* (mm)		
UB-V 1000	1100	1000	400V / 50Hz		4600	1320	2700	12190	Battery
UB-V 1500	1670	1500	400V / 50Hz		4600	1320	2700	14240	Battery
UB-V 2000	2200	2000	400V / 50Hz		4800	1320	2700	16670	Battery

## UB-V POWERBRIDGE™

Type	Power Rating		Voltage / Frequency		W (mm)	Dimensions		Weight kg	Energy storage Type
	kVA	kW	V	Hz		D (mm)	H* (mm)		
UB-V 1000	1100	1000	400V / 50Hz		5300	1320	2700	18300	PB21
UB-V 1000	1100	1000	400V / 50Hz		6395	1672	2700	24820	PB60+
UB-V 1500	1670	1500	400V / 50Hz		5300	1320	2700	20370	PB21
UB-V 1500	1670	1500	400V / 50Hz		6395	1672	2700	26870	PB60+
UB-V 1800	2000	1800	400V / 50Hz		5300	1320	2700	20370	PB21
UB-V 1800	2000	1800	400V / 50Hz		6395	1672	2700	29230	PB60+
UB-V 2250	2500	2250	400V / 50Hz		7695	1672	2700	30430	PB60+
UB-V 2700	3000	2700	690V / 50Hz		7095	1672	2700	31370	PB60+

## UB-V SERIES AT MEDIUM VOLTAGE

Type	Power Rating		Voltage / Frequency		W (mm)	Dimensions		Weight kg	Energy storage Type
	kVA	kW	V	Hz		D (mm)	H* (mm)		
UB-V 1500	1670	1500	MV / 50Hz		4300	1320	2700	18860	PB21
UB-V 1500	1670	1500	MV / 50Hz		5395	1672	2700	25440	PB60+
UB-V 1800	2000	1800	MV / 50Hz		4300	1320	2700	18860	PB21
UB-V 1800	2000	1800	MV / 50Hz		5395	1672	2700	25440	PB60+
UB-V 2000	2200	2000	MV / 50Hz		3600	1320	2700	12850	Battery
UB-V 2250	2500	2250	MV / 50Hz		4300	1320	2700	18800	PB21
UB-V 2250	2500	2250	MV / 50Hz		5395	1672	2700	25440	PB60+
UB-V 2700	3000	2700	MV / 50Hz		6495	1672	2700	27510	PB60+
UB-V 3240	3600	3240	MV / 50Hz		6495	1672	2700	29810	PB60+
UB-V 3240	3600	3240	MV / 50Hz		5800	1470	2700	18220	Battery

\* Including 400mm silencer – removable for transport.

[www.piller.com](http://www.piller.com)

[info@piller.com](mailto:info@piller.com) | [australia@piller.com](mailto:australia@piller.com) | [china@piller.com](mailto:china@piller.com) | [france@piller.com](mailto:france@piller.com) | [germany@piller.com](mailto:germany@piller.com) | [india@piller.com](mailto:india@piller.com) | [italia@piller.com](mailto:italia@piller.com) | [asiapac@piller.com](mailto:asiapac@piller.com) | [spain@piller.com](mailto:spain@piller.com) | [uk@piller.com](mailto:uk@piller.com) | [usa@piller.com](mailto:usa@piller.com)

HEADQUARTERS: PILLER GROUP GmbH

Piller Australia | Piller China | Piller France | Piller Germany | Piller India | Piller Italy | Piller Singapore | Piller Spain | Piller UK | Piller USA