

# Introducing the UB-V Series high performance UPS

The new 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.

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



The UB-V Series UPS is Piller's latest generation of 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.

# Introducing the UB-V Series

## high performance UPS



### UB-V Battery

	Power	Rating	Voltage / Frequency	Dimensions		
	kVA	kW		W (mm)	D (mm)	H (mm)
<b>UB-V 1000</b>	1100	1000	400V / 50Hz	4600	1320	2700
<b>UB-V 1500</b>	1670	1500	400V / 50Hz	4600	1320	2700
<b>UB-V 2000</b>	2200	2000	400V / 50Hz	4800	1320	2700
<b>UB-V 2250</b>	2500	2250	400V / 50Hz	8800	1440	2700
<b>UB-V 2700</b>	3000	2700	400V / 50Hz	10200	1440	2700
<b>UB-V 3240</b>	3600	3240	400V / 50Hz	10400	1440	2700

### UB-V POWERBRIDGE™

	Power	Rating	Voltage / Frequency	Dimensions		
	kVA	kW		W (mm)	D (mm)	H (mm)
<b>UB-V 1000</b>	1100	1000	400V / 50Hz	5300	1320	2700
<b>UB-V 1500</b>	1670	1500	400V / 50Hz	5300	1320	2700
<b>UB-V 1800</b>	2000	1800	400V / 50Hz	5800	1320	2700
<b>UB-V 2250</b>	2500	2250	400V / 50Hz	6600	1320	2700
<b>UB-V 2700</b>	3000	2700	400V / 50Hz	9095	1672	2700
<b>UB-V 3240</b>	3600	3240	400V / 50Hz	9295	1672	2700
<b>UB-V 2700</b>	3000	2700	690V / 50Hz	7095	1672	2700
<b>UB-V 3240</b>	3600	3240	690V / 50Hz	7095	1672	2700

### UB-V series at Medium Voltage

	Power	Rating	Voltage / Frequency	Dimensions		
	kVA	kW		W (mm)	D (mm)	H (mm)
<b>UB-V 1800 POWERBRIDGE</b>	2000	1800	MV / 50Hz	4300	1320	2700
<b>UB-V 2000 Battery</b>	2000	1800	MV / 50Hz	3600	1320	2700
<b>UB-V 2250 POWERBRIDGE</b>	2500	2250	MV / 50Hz	4300	1320	2700
<b>UB-V 2700 Battery</b>	<b>3000</b>	2700	MV / 50Hz	7600	1440	2700
<b>UB-V 2700 POWERBRIDGE</b>	3000	2700	MV / 50Hz	6495	1672	2700
<b>UB-V 3240 Battery</b>	3600	3240	MV / 50Hz	7600	1440	2700
<b>UB-V 3240 POWERBRIDGE</b>	3600	3240	MV / 50Hz	6495	1672	2700

For more specific unit information,  
please contact your local Piller office.

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