

# Piller UB-V Series

HIGH PERFORMANCE UPS



The new UB-V Series UPS is designed to provide exceptional load handling properties for use in even the most demanding of industrial applications, combining cost-effective ownership with high reliability to deliver a fast return on investment without compromise.

UB-V Series is Piller's latest generation of UPS. Its technology is based on proven techniques developed over several decades and used to protect many of the World's premier industrial facilities. 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™.

With single UPS ratings ranging up to 3600kVA/3240kW, the electrically coupled UB-V Series can offer continuous on-line efficiencies as high as 98% at half load making it less costly to run than many of its contemporary rivals.

These units are suitable for many of the more harsh environments that can be encountered in industrial applications and have reduced maintenance requirements compared to predecessors. In some cases, the service interval can be further extended by the use of the Piller Unity Service Pack offering.

## UB-V SERIES UPS BENEFITS

- High reliability / MTBF
- High power density – single units 1000kVA to 3600kVA
- Exceptional efficiencies up to 98% (IEC 62040-3)
- Suitable for use in industrial environments.
- German engineering and manufacturing
- Wide leading and lagging load power factor range
- Handling of load steps up to 100%
- Wide input voltage tolerance (up to -50%)
- Suitable for export of embedded power
- Isolation of harmonics between the load and mains
- Low and Medium Voltage versions
- Kinetic or battery energy storage
- Stabilisation of gas/diesel genset or gas turbines



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## UB-V BATTERY

Type	Power Rating		Voltage / Frequency		W (mm)	Dimensions		Weight kg	Energy storage	
	kVA	kW	V	Hz		D (mm)	H (mm)		Type	Bridging
UB-V 1000	1100	1000	400V / 50Hz		4600	1320	2700	12190	Batt.	unlimited
UB-V 1500	1670	1500	400V / 50Hz		4600	1320	2700	14240	Batt.	5 min
UB-V 2000	2200	2000	400V / 50Hz		4800	1320	2700	16670	Batt.	5 min

## UB-V POWERBRIDGE™

Type	Power Rating		Voltage / Frequency		W (mm)	Dimensions		Weight kg	Energy storage	
	kVA	kW	V	Hz		D (mm)	H (mm)		Type	Bridging
UB-V 1000	1100	1000	400V / 50Hz		5300	1320	2700	18300	PB21	19s
UB-V 1000	1100	1000	400V / 50Hz		6395	1672	2700	24820	PB60+	60s
UB-V 1500	1670	1500	400V / 50Hz		5300	1320	2700	20370	PB21	13s
UB-V 1500	1670	1500	400V / 50Hz		6395	1672	2700	26870	PB60+	39s
UB-V 1800	2000	1800	400V / 50Hz		5300	1320	2700	20370	PB21	11s
UB-V 1800	2000	1800	400V / 50Hz		6395	1672	2700	29230	PB60+	33s
UB-V 2250	2500	2250	400V / 50Hz		7695	1672	2700	30430	PB60+	26s
UB-V 2700	3000	2700	690V / 50Hz		7095	1672	2700	31370	PB60+	22s

## UB-V SERIES AT MEDIUM VOLTAGE

Type	Power Rating		Voltage / Frequency		W (mm)	Dimensions		Weight kg	Energy storage	
	kVA	kW	V	Hz		D (mm)	H (mm)		Type	Bridging
UB-V 1500	1670	1500	MV / 50Hz		4300	1320	2700	18860	PB21	13s
UB-V 1500	1670	1500	MV / 50Hz		5395	1672	2700	25440	PB60+	39s
UB-V 1800	2000	1800	MV / 50Hz		4300	1320	2700	18860	PB21	11s
UB-V 1800	2000	1800	MV / 50Hz		5395	1672	2700	25440	PB60+	33s
UB-V 2000	2200	2000	MV / 50Hz		3600	1320	2700	12850	Batt.	5 min
UB-V 2250	2500	2250	MV / 50Hz		4300	1320	2700	18800	PB21	8s
UB-V 2250	2500	2250	MV / 50Hz		5395	1672	2700	25440	PB60+	26s
UB-V 2700	3000	2700	MV / 50Hz		6495	1672	2700	27510	PB60+	22s
UB-V 3240	3600	3240	MV / 50Hz		5800	1470	2700	18220	Batt.	15 min
UB-V 3240	3600	3240	MV / 50Hz		6495	1672	2700	29810	PB60+	18s

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