

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		Dimensions			Weight kg	Energy storage	
	kVA	kW	V	Hz	W (mm)	D (mm)	H (mm)		Type	Bridging
UB-V 1200	1300	1200	480V / 60Hz		4600	1320	2700	12190	Batt.	unlimited
UB-V 2000	2200	2000	480V / 60Hz		4800	1320	2700	14750	Batt.	5 min
UB-V 3240	3600	3240	480V / 60Hz		8400	1470	2700	24200	Batt.	15 min

UB-V POWERBRIDGE™

Type	Power Rating		Voltage / Frequency		Dimensions			Weight kg	Energy storage	
	kVA	kW	V	Hz	W (mm)	D (mm)	H (mm)		Type	Bridging
UB-V 1200	1300	1200	480V / 60Hz		5300	1320	2700	18300	PB21	16s
UB-V 1200	1300	1200	480V / 60Hz		6395	1672	2700	24820	PB60+	50s
UB-V 1800	2000	1800	480V / 60Hz		5300	1320	2700	20370	PB21	11s
UB-V 1800	2000	1800	480V / 60Hz		6395	1672	2700	26870	PB60+	33s
UB-V 2150	2400	2150	480V / 60Hz		5800	1320	2700	22040	PB21	9s
UB-V 2150	2400	2150	480V / 60Hz		7695	1672	2700	29230	PB60+	27s
UB-V 2700	3000	2700	480V / 60Hz		7695	1672	2700	30430	PB60+	22s
UB-V 3240	3600	3240	480V / 60Hz		9095	1672	2700	35810	PB60+	18s
UB-V 1800	2000	1800	600V / 60Hz		5500	1320	2700	20600	PB21	11s
UB-V 1800	2000	1800	600V / 60Hz		6595	1672	2700	27020	PB60+	33s
UB-V 2150	2400	2150	600V / 60Hz		6300	1320	2700	22550	PB21	9s
UB-V 2150	2400	2150	600V / 60Hz		7395	1672	2700	15620	PB60+	27s
UB-V 2700	3000	2700	600V / 60Hz		7695	1672	2700	30430	PB60+	22s

UB-V SERIES AT MEDIUM VOLTAGE

Type	Power Rating		Voltage / Frequency		Dimensions			Weight kg	Energy storage	
	kVA	kW	V	Hz	W (mm)	D (mm)	H (mm)		Type	Bridging
UB-V 1800	2000	1800	MV / 60Hz		4300	1320	2700	17810	PB21	11s
UB-V 1800	2000	1800	MV / 60Hz		5395	1672	2700	25440	PB60+	33s
UB-V 2000	2200	2000	MV / 60Hz		3600	1320	2700	11650	Batt.	5 min
UB-V 2150	2400	2150	MV / 60Hz		4300	1320	2700	18860	PB21	9s
UB-V 2150	2400	2150	MV / 60Hz		5395	1672	2700	25440	PB60+	27s
UB-V 2700	3000	2700	MV / 60Hz		6495	1672	2700	26620	PB60+	22s
UB-V 3240	3600	3240	MV / 60Hz		6000	1470	2700	16920	Batt.	15 min
UB-V 3240	3600	3240	MV / 60Hz		6495	1672	2700	27810	PB60+	18s

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