



America

# CERTIFICATE

No. B 12 09 65969 106

**Holder of Certificate:** **XP Power Limited**



401 Commonwealth Drive,  
Haw Par Technocentre, Lobby B, #02-02 149598  
SINGAPORE

**Production Facility(ies):**

74888

**Certification Mark:**



**Product:**

Switching power supply unit  
(Switching Power Supply)

**Model(s):**

**VCS50USXX**  
(where XX can be number 05 to 48 to indicate the output voltage, see attachment for approved models)

**Parameters:**

Rated Input Voltage:	100-240 V AC
Rated Frequency:	50/60 Hz
Rated Input Current:	1.1 A max
Protection Class:	Class I at end use
Maximum temperature, ambient:	50°C for maximum output power, 70°C for half maximum output power.
Elevation for use:	0-3048 m above sea level
Rated Output Ratings:	See attachment for output ratings and conditions of acceptability

**Tested according to:** EN 60950-1/A12:2011

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** SI1209368105-000

**Date,** 2012-10-19

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America

## ATTACHMENT TO CERTIFICATE NO. B 12 09 65969 106 FOR XP POWER LIMITED

### POWER SUPPLY

Power supply models VCS50USXX series are component type power supplies intended for use in IT equipment. They are power supplies intended for building-in Class I end product.

#### Approved models and Rated Outputs:

Model Number	OUTPUT RATING		
	Voltage (VDC )	Current (A)	Output power (W)
VCS50US05	5	8	40
VCS50US12	12	4.2	50
VCS50US15	15	3.3	50
VCS50US24	24	2.1	50
VCS50US36	36	1.39	50
VCS50US48	48	1.05	50

#### Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

#### The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- Proper earthing at end product is requirement.
- Unit case temperature exceed 70°C during heating test at Tma=70°C, half load condition. Symbol 60417-1-IEC-5041 might be required at end product evaluation if the unit case is touchable in operator access area.

Rpt. Ref. No.: SI1209368105-000

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# CERTIFICATE

No. B 12 11 65969 098

Holder of Certificate: **XP Power Limited**



401 Commonwealth Drive,  
Haw Par Technocentre, Lobby B, #02-02 149598  
SINGAPORE

Production  
Facility(ies):

74888

Certification Mark:



Product:

Switching power supply unit  
(Switching Power Supply)

Model(s):

VCS70USXX  
(where XX can be number 05 to 48 to indicate the output  
voltage, see attachment for approved models)

Parameters:

Rated Input Voltage:	100-240 V AC
Rated Frequency:	50/60 Hz
Rated Input Current:	1.4 A
Protection Class:	Class I at end use
Temperature, Ambient:	50°C for maximum output power, 70°C for half maximum output power.
Rated Output Ratings:	See attachment for output ratings and conditions of acceptability.
Elevation for use:	0-3048 m above sea level

Tested according to: EN 60950-1/A12:2011

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: S11209368106-000

Date, 2012-11-14

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## ATTACHMENT TO CERTIFICATE NO. B 12 09 65969 098 FOR XP POWER LIMITED

### POWER SUPPLY

Power supply models VCS70USXX series are component type power supplies intended for use in IT equipment. They are open frame power supplies intended for building-in Class I end product.

#### Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC )	Current (A)
VCS70US05	5	10
VCS70US12	12	5.83
VCS70US15	15	4.67
VCS70US24	24	2.92
VCS70US36	36	1.94
VCS70US48	48	0.95

#### CONDITIONS OF ACCEPTABILITY:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

#### The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- Proper bonding to the end-product main protective earthing terminal is required when the power supply is installed in the end product. The installation must provide sufficient clearance and creepage distance between primary circuit and secondary and accessible metal parts.
- Heatsink HS01 and HS02 temperature exceed 70°C during heating test at Tma=70°C, half load condition. These 2 points shall be considered at end product evaluation as symbol 60417-1-IEC-5041 might be required if they are touchable in operator access area.

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# CERTIFICATE

No. B 12 09 65969 105

Holder of Certificate: **XP Power Limited**

401 Commonwealth Drive,  
Haw Par Technocentre, Lobby B, #02-02 149598  
SINGAPORE

**Production  
Facility(ies):**

74888

**Certification Mark:**



**Product:**

Switching power supply unit  
(Switching Power Supply)

**Model(s):**

**VCS100USXX**  
(where XX can be number 05 to 48 to indicate  
the output voltage, see attachment for approved  
models)

**Parameters:**

Rated Input Voltage: 100-240 V AC,  
Rated Frequency: 50/60 Hz  
Rated Input Current: 2.0 A  
Rated Output Ratings: See attachment  
Protection Class: Class I at end use  
Temperature, Ambient : 50°C for maximum output power,  
70°C for half maximum output power.  
Elevation for use: 0-3048 m above sea level  
See attachment for additional information.

**Tested according to:** EN 60950-1/A12:2011

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:**

SI1209368111-000

**Date,** 2012-09-24

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## ATTACHMENT TO CERTIFICATE NO. B 12 09 65969 105 FOR XP POWER LIMITED

### POWER SUPPLY

Power supply models VCS100USXX series are component type power supplies intended for use in IT equipment. They are power supplies intended for building-in Class I end product.

#### Approved models and Rated Outputs:

Model Number	OUTPUT RATING	
	Voltage (VDC )	Current (A)
VCS100US05	5	14
VCS100US12	12	8.33
VCS100US15	15	6.67
VCS100US24	24	4.17
VCS100US36	36	2.78
VCS100US48	48	2.08

#### Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

#### The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- Proper earthing at end product is requirement.
- Connection and disconnection from Mains requirements shall be evaluated at end product.