

6W AC-DC Output Universal Power Supply

Model 806-39720

B+B SMARTWORX

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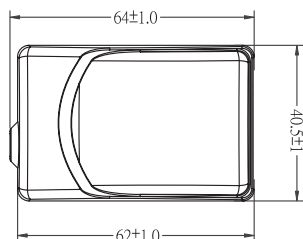
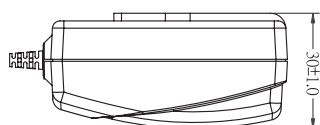
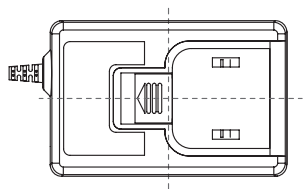
- + DOE Level VI, CEC, ErP Stage 2 Energy Efficiency
- + Universal Input Voltage Range – 90 to 264V AC
- + Up to 6 Watt Continuous Output Power
- + Interchangeable, International AC Input Blades (kit included)
(North America, Europe, UK, Australia, China)
- + Over-voltage, Short Circuit Protection

OVERVIEW

Model 806-39720 is a 6 Watt wall plug-in AC-DC power supply with interchangeable AC blades. The power supply is designed to meet the latest US DoE Level VI efficiency standards in addition to the proposed and more stringent EU CoC Tier 2 requirements. Designed for global use, it includes plug options for North America, Europe, United Kingdom, Australia and China. This high efficiency power supply utilizes the latest in green power technology.

MECHANICAL DRAWING - POWER SUPPLY

Units = mm



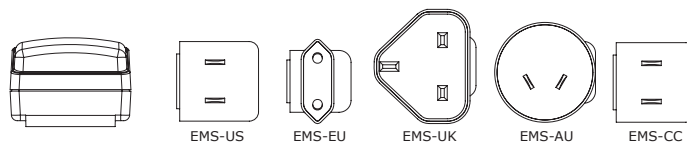
ORDERING INFORMATION

MODEL NUMBER	OUTPUT VOLTAGE (V DC)	OUTPUT CURRENT (A, max)	OUTPUT POWER (W, max)	RIPPLE & NOISE ¹ (mVp-p, max)	OUTPUT PLUG
806-39720	5	1.2	6	150	Standard DC Straight Plug

1. At full load, 100-240V AC input, 20 MHz bandwidth.
2. ErP Tier 2 Compliant

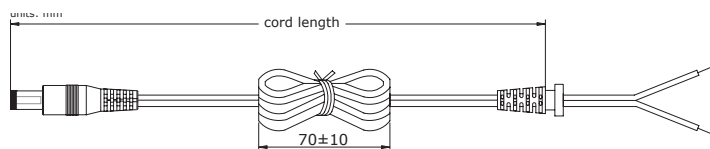
MECHANICAL DRAWING - AC INPUT BLADE OPTIONS

Units = mm



MECHANICAL DRAWING - DC CORD

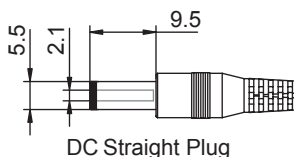
Units = mm



Model No.	Cable	Cord Length
806-39720	UL2468, 20 AWG	1,530 mm ± 100

MECHANICAL DRAWING - OUTPUT PLUG

Units = mm



All product specifications are subject to change without notice.
806-39720_PowerSupply_1618ds

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SPECIFICATIONS

PARAMETER	CONDITIONS / DESCRIPTION	MINIMUM	TYPICAL	MAXIMUM	UNITS
POWER - INPUT					
Voltage	-	90	-	264	V AC
Frequency	-	47	-	63	Hz
Current	-	-	-	0.3	A
Leakage Current	-	-	-	0.25	mA
No-load Power Consumption	Level 6	-	-	0.1	W
	ErP Tier 2	-	-	0.075	W
POWER - OUTPUT					
Line Regulation	5V DC models	-	+/- 3	-	%
Load Regulation	At full load	-	+/- 5	-	%
PROTECTIONS					
Over-Voltage Protection	Output shut down, auto recovery	-	-	-	-
Short Circuit Protection	Output shut down, auto recovery	-	-	-	-
ENVIRONMENTAL					
Operating Temperature	-	0	-	40	°C
Storage Temperature	-	-10	-	70	°C
Operating Humidity	Non-condensing	20	-	80	%
Storage Humidity	Non-condensing	10	-	90	%
MECHANICAL					
Dimensions	64.0 x 40.5 x 30.0 mm	-	-	-	mm
Inlet Plug	Interchangeable blades (North America, Europe, United Kingdom, Australia, China)	-	-	-	-
Weight	Without blades	-	68.5	-	
SAFETY					
Isolation Voltage	Input to output at 10 mA for 1 minute	-	3,000 4,242	-	V AC V DC
Isolation Resistance	Input to output at 500V DC	100	-	-	MΩ
APPROVALS / CERTIFICATIONS					
Safety Approvals	UL/cUL, GS, CCC, PSE	-	-	-	-
EMI/EMC	FCC Part 15B Class B, CE	-	-	-	-
RoHS	2011/65/EU	-	-	-	-