

50 Watt Series

Level VI

Desktop Type



Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
NO Load Power Consumption Less Than 0.21W

Features :

- 100-240VAC Universal Input
- Single Output to 50W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Output

Load Regulation	±5% (Typical)
Ripple	1 ~ 2% Vp-p Max. for Output Voltage@ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection
DC Cord	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / GS / CE / BSMI / CCC / RCM / LPS
CB / UL / cUL / FCC / GS / CE / PSE for SW3100B

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin / 3.5mA @ 3 Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental

Operating Temperature	0 to + 40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimension	L115 x W53 x H38 (mm) L139 x W61 x H36 (mm) (SW3100B)
Weight	278g (Ref.) 332g (SW3100B)

Model	O/P Voltage	O/P Current	Watt
SW3100B	5.0V	10.00A	50W
SW4322-B	9.0V	4.00A	36W
SW4570	9.0V	5.00A	45W
SW3575D	12.0V	3.30A	40W
SW4571	12.0V	4.20A	50W
SW4647	13.5V	3.71A	50W
SW4323B	15.0V	3.34A	50W
SW4324-B	18.0V	2.78A	50W
SW4572	19.0V	2.64A	50W
SW4326A	24.0V	2.10A	50W
SW4648	48.0V	1.05A	50W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6,C8,C14



Part SW3100B as pictured on left is the 5vdc part fitted with a 4 pin din
This din connector mates with standard 4 pin sockets such as Kycon order codes 806-KPJX-4S, 806-KPJX-PM-4S 806-KPJX-CM-4S

