

18 Watt Series

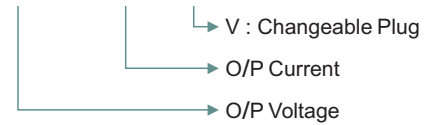
AC Prong Changeable

Wall Mount Type

Green Mode

CEC , Energy Star Level V & ErP Stage 2
No Load Power Consumption Less Than 0.3W

STD-□□□ □□ □



Features:

- 100-240VAC Universal Input
- Single Output to 18W
- Wall Mount Changeable Plug with Option of Various Plugs
- 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

Model	O/P Voltage	O/P Current	Watt
STD-04535V	4.5V	3.5A	15.75 W
STD-05025V	5.0V	2.5A	12.50 W
STD-05030V(*)	5.0V	3.0A	15.00 W
STD-05035V	5.0V	3.5A	17.50 W
STD-06025V(*)	5.9V	2.5A	14.75 W
STD-06030V(*)	5.9V	3.0A	17.70 W
STD-07025V(*)	7.0V	2.5A	17.50 W
STD-07525V	7.5V	2.5A	18.75 W
STD-09015V	9.0V	1.5A	13.50 W
STD-09022V	9.0V	2.2A	19.80 W
STD-10019V	10.0V	1.9A	19.00 W
STD-12012V	12.0V	1.2A	14.40 W
STD-12016V	12.0V	1.6A	19.20 W
STD-13510V	13.5V	1.0A	13.50 W
STD-13514V	13.5V	1.4A	18.90 W
STD-15010V	15.0V	1.0A	15.00 W
STD-15013V	15.0V	1.3A	19.50 W
STD-16010V	16.0V	1.0A	16.00 W
STD-16012V	16.0V	1.2A	19.20 W
STD-18008V	18.0V	0.8A	14.40 W
STD-18011V	18.0V	1.1A	19.80 W
STD-20007V	20.0V	0.7A	14.00 W
STD-20010V	20.0V	1.0A	20.00 W
STD-24006V	24.0V	0.6A	14.40 W
STD-24008V	24.0V	0.8A	19.20 W

Input	
Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.48A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	U for US AC Pin E for EU Pin B for UK Pin A for AU Pin C for CN Pin K for KR Pin

Output	
Load Regulation	± 5% (Typical)
Ripple	1~2% V p-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	No (Optional)

Safety Approvals	
For USA - CB / UL / cUL / FCC / PSE / BSMI / LPS	
For Europe - CB / GS / CE / LPS	
For UK - CB / CE / LPS	
For Australia - CB / RCM / LPS	
For China - CB / CCC / LPS	
For Korea - CB / KC / LPS	

(*) With KC mark

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin
Efficiency	Energy Star Level V & ErP Stage 2 & MEPS Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
MTBF	50,000 Calculated Hours at 25°C, by MIL-HDBK-217F

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	L77.5 x W51.8 x H40.5 (mm)
Weight	158g (Ref.)



RoHS



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Desktop Type

Green Mode

CEC , Energy Star Level V & ErP Stage 2
No Load Power Consumption Less Than 0.3W

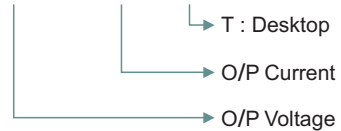
Features:

- 100-240VAC Universal Input
- Single Output to 18W
- 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

Model	O/P Voltage	O/P Current	Watt
STD-04535T	4.5V	3.5A	15.75 W
STD-05025T(*)	5.0V	2.5A	12.50 W
STD-05030T(*)	5.0V	3.0A	15.00 W
STD-05035T	5.0V	3.5A	17.50 W
STD-06025T(*)	5.9V	2.5A	14.75 W
STD-06030T(*)	5.9V	3.0A	17.70 W
STD-07025T	7.0V	2.5A	17.50 W
STD-07525T	7.5V	2.5A	18.75 W
STD-09015T	9.0V	1.5A	13.50 W
STD-09022T	9.0V	2.2A	19.80 W
STD-10019T	10.0V	1.9A	19.00 W
STD-12012T	12.0V	1.2A	14.40 W
STD-12016T	12.0V	1.6A	19.20 W
STD-13510T	13.5V	1.0A	13.50 W
STD-13514T	13.5V	1.4A	18.90 W
STD-15010T	15.0V	1.0A	15.00 W
STD-15013T	15.0V	1.3A	19.50 W
STD-16010T	16.0V	1.0A	16.00 W
STD-16012T	16.0V	1.2A	19.20 W
STD-18008T	18.0V	0.8A	14.40 W
STD-18011T	18.0V	1.1A	19.80 W
STD-20007T	20.0V	0.7A	14.00 W
STD-20010T	20.0V	1.0A	20.00 W
STD-24006T	24.0V	0.6A	14.40 W
STD-24008T	24.0V	0.8A	19.20 W

Input	
Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.48A Max.
Protection	Internal primary current fuse, Inrush limiting
Configuration	IEC320/ C8

STD-□□□ □□ □



Output	
Load Regulation	± 5% (Typical)
Ripple	1~2% V p-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	No (Optional)

Safety Approvals	
CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / KC / LPS	

(*) With KC mark

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin
Efficiency	Energy Star Level V & ErP Stage 2 & MEPS Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
MTBF	50,000 Calculated Hours at 25°C, by MIL- HDBK-217F

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	L88 x W50 x H34 (mm)
Weight	144g (Ref.)



R33154 RoHS



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Wall Mount Type

USA / Japan / Taiwan / Europe / UK / Australia /

China/ Korea

STD-□□□ □□ □

U : US AC Pin / E : EU Pin / B : UK Pin /
 A : AU Pin / C : CN Pin / K : KR Pin
 ↳ O/P Current
 ↳ O/P Voltage

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STD-13514U/E/B/A/C	13.5V	1.4A	18.90 W
STD-15010U/E/B/A/C	15.0V	1.0A	15.00 W
STD-15013U/E/B/A/C	15.0V	1.3A	19.50 W
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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	U - L72 x W34 x H69 (mm)
	E&K - 72 x W34 x H90 (mm)
	B - L72 x W50 x H81 (mm)
	A - L72 x W40 x H78 (mm)
	C - L72 x W34 x H69 (mm)
Weight	U:148g / E:154g / B:158g / A:150g / C:148g / K:154g(Ref.)

