



# NORDIC POWER

## 10 Watt Series

Wall Mount Type

USA / Japan / Taiwan / Europe / UK / China



### Green Mode

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

### Features:

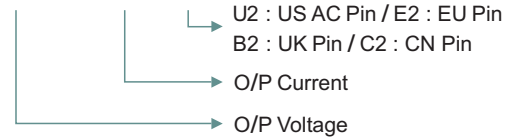
- 100-240VAC Universal Input
- Single Output to 10W
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-03320U2/E2/B2/C2	3.3V	2.0A	6.60W
STD-04520U2/E2/B2/C2	4.5V	2.0A	9.00W
STD-05020U2/E2/B2/C2	5.0V	2.0A	10.00W
STD-05026U2/E2/B2/C2	5.0V	2.5A	12.50W
STD-06020U2/E2/B2/C2	6.0V	2.0A	12.00W
STD-07514U2/E2/B2/C2	7.5V	1.4A	10.50W
STD-08413U2/E2/B2/C2	8.4V	1.3A	10.92W
STD-09012U2/E2/B2/C2	9.0V	1.2A	10.80W
STD-12010U2/E2/B2/C2	12.0V	1.0A	12.00W
STD-13508U2/E2/B2/C2	13.5V	0.8A	10.80W
STD-15008U2/E2/B2/C2	15.0V	0.8A	12.00W
STD-18006U2/E2/B2/C2	18.0V	0.66A	11.88W
STD-24005U2/E2/B2/C2	24.0V	0.5A	12.00W

Input	
Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	0.31A Max.
Protection	Internal Primary Current Fuse, Inrush Limiting
AC Inlet	U2 for US AC Pin (Side) E2 for EU Pin B2 for UK Pin C2 for CN 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	Yes

STD-□□□ □□ □



### Safety Approvals

- For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS
- For Europe- CB / GS / CE / LPS
- For UK- CB / CE / LPS
- For China- CB/ CCC/ LPS

### Electrical

Topology	Switching Flyback
Dielectric Withstand	3000 VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin
Efficiency	Energy Star Level V & ErP Stage 2 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	U2 - L 72 x W 34 x H 59 (mm)
	E2 - L 72 x W 34 x H 80 (mm)
	B2 - L 72 x W 50 x H 72 (mm)
	C2 - L 72 x W 34 x H 58 (mm)
Weight	U2&C2 :126g /E2:128g / B2:130g (Ref.)

