## **SANPU**<sup>®</sup>

## Shenzhen SANPU Intelligent Technology Co., Ltd

PS 250W



## FEATURES

- 100% full load burn-in test
- Universal AC input
- Small size and high efficiency
- Built-in EMI filter with tiny ripple
- Protection: short circuit/over current/over load/over temperature

PROTECTION         OVER CURRENT         recovers automatically after fault condition is removed           SHORT CIRCUIT         hiccup short circuit,         recovers automatically after fault condition is removed           OVER TEMP         hiccup the Rectifier ≥85°C,         recovers automatically after temperature fall to environment temp           ENVIRONMENT         WORKING TEMP         -20°C~+60°C (no frost)           WORKING HUMIDITY         20%~90%RH           STORAGE TEMP         -40°C~85°C           STORAGE TEMP         10%~95%RH           SAFETY & SAFETY STANDARDS         CE, ROHS           WITHSTAND VOLTAGE         I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min					condition is removed			
WOTECTION         SHORT CIRCUIT         niccour short circuit, recovers automatically after fault condition is removed           OVER TEMP         hiccup the Rectifier ≥85°C, recovers automatically after temperature fall to environment temp           WORKING TEMP         -20°C~+60°C (no frost)           WORKING TEMP         -20°C~+60°C (no frost)           WORKING HUMIDITY         20%~90%RH           STORAGE TEMP         -40°C~85°C           STORAGE HUMIDITY         10%~95%RH           SAFETY STANDARDS         CE, ROHS           WITHSTAND VOLTAGE         I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min           ENC         EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:22           TESTING STANDARD         EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014           1. The above mentioned data were measured at 220VAC input and 25°C.         1000000000000000000000000000000000000		OVER LOAD						
PROTECTION       SHORT CIRCUIT       hiccup short circuit, recovers automatically after fault condition is removed         OVER TEMP       hiccup the Rectifier ≥85°C, recovers automatically after temperature fall to environment temp         ENVIRONMENT       WORKING TEMP       -20°C~+60°C (no frost)         WORKING HUMIDITY       20%~90%RH         STORAGE TEMP       -40°C~85°C         STORAGE HUMIDITY       10%~95%RH         SAFETY STANDARDS       CE, ROHS         WITHSTAND VOLTAGE       I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, 0/P-F/G: 0.5KVAC/1min         SAFETY&EMC       EMC       EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013; EN55024:2010+A1:2         TESTING STANDARD       EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014         1. The above mentioned data were measured at 220VAC input and 25°C.       100/20°C.		OVER CURRENT						
SHORT CIRCUIT       recovers automatically after fault condition is removed         OVER TEMP       hiccup the Rectifier ≥85°C,         recovers automatically after temperature fall to environment temp         WORKING TEMP       -20°C~+60°C (no frost)         WORKING HUMIDITY       20%~90%RH         STORAGE TEMP       -40°C~85°C         STORAGE HUMIDITY       10%~95%RH         SAFETY STANDARDS       CE, ROHS         WITHSTAND VOLTAGE       I/P-0/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, 0/P-F/G: 0.5KVAC/1min         ENC       EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:201         TESTING STANDARD       EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014	PROTECTION		recovers autor	-				
Image: state of the state	PROTECTION			hiccup short cire	cuit,			
OVER TEMPrecovers automatically after temperature fall to environment tempENVIRONMENTWORKING TEMP-20°C~+60°C (no frost)WORKING HUMIDITY20%~90%RHSTORAGE TEMP-40°C~85°CSTORAGE HUMIDITY10%~95%RHSAFETY STANDARDSCE, ROHSWITHSTAND VOLTAGEI/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1minENCEN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2014TESTING STANDARDEN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:20141. The above mentioned data were measured at 220VAC input and 25°C.			recovers autor	matically after fault	condition is removed			
Image: constraint of the second sec				hiccup the Rectifier	≥85°C,			
ENVIRONMENT       WORKING HUMIDITY       20%~90%RH         STORAGE TEMP       -40°C~85°C         STORAGE HUMIDITY       10%~95%RH         SAFETY STANDARDS       CE, ROHS         WITHSTAND VOLTAGE       I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min         EMC       EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2014; EN61347-2:13:2014         I. The above mentioned data were measured at 220VAC input and 25°C.       1. The above mentioned data were measured at 220VAC input and 25°C.	ENVIRONMENT	OVER TEMP	recovers automatica	Illy after temperatu	re fall to environment temp	1		
ENVIRONMENT       STORAGE TEMP       -40°C~85°C         STORAGE HUMIDITY       10%~95%RH         SAFETY STANDARDS       CE, ROHS         WITHSTAND VOLTAGE       I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min         EMC       EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2014         TESTING STANDARD       EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014         1. The above mentioned data were measured at 220VAC input and 25°C.       Input and 25°C.		WORKING TEMP						
ENVIRONMENT       STORAGE TEMP       -40°C~85°C         STORAGE HUMIDITY       10%~95%RH         SAFETY STANDARDS       CE, ROHS         WITHSTAND VOLTAGE       I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min         EMC       EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2014         TESTING STANDARD       EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014         1. The above mentioned data were measured at 220VAC input and 25°C.       Input and 25°C.								
STORAGE HUMIDITY       10%~95%RH         SAFETY STANDARDS       CE, ROHS         WITHSTAND VOLTAGE       I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min         EMC       EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2014; EN61347-2:13:2014         TESTING STANDARD       EN61347-1:2008+A1:2011+A2:2013; EN61347-2:13:2014         1. The above mentioned data were measured at 220VAC input and 25°C.								
SAFETY & SAFETY STANDARDS       CE, ROHS         SAFETY & WITHSTAND VOLTAGE       I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min         EMC       EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2         TESTING STANDARD       EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014         1. The above mentioned data were measured at 220VAC input and 25°C.       Image: Comparison of the second s								
SAFETY&EMC       I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min         EMC       EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2         TESTING STANDARD       EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014         1. The above mentioned data were measured at 220VAC input and 25°C.								
SAFETY&EMC         EMC         EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2           TESTING STANDARD         EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014           1. The above mentioned data were measured at 220VAC input and 25°C.								
EMC         EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2           TESTING STANDARD         EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014           1. The above mentioned data were measured at 220VAC input and 25°C.         EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014	SAFETY&EMC	WITHSTAND VOLTAGE	I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min					
1. The above mentioned data were measured at 220VAC input and 25°C.		EMC	EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013;EN55024:2010+A1:2015					
		TESTING STANDARD	EN61347-1:200	8+A1:2011+A2:201	.3; EN61347-2-13:2014			
REMARK 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated		1. The above mentioned data were measured at 220VAC input and 25°C.						
	REMARK	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated						
with a 0.1 uf & 47 uf parallel capacitor.		with a 0.1uf & 47uf parallel capacitor.						
Tel: 086 755 2306 0905 Fax: 086 755 2304 1269 Website: www.szshanpu.cc			Fax: 086 755 2304 1269		site: www.szshanpu.cc			



## Shenzhen SANPU Intelligent Technology Co., Ltd

SANPU Snenznen SANPU Intelligent Technology Co., Ltd								
Mechanical Specification								
Terminal Assignment Mechanical Specification								
Pin No.	Assignment	Pin No.	Assignment					
1	AC INPUT/L	1	DC OUTPUT/-V					
2	AC INPUT/N	2	DC OUTPUT/-V	163				
3	≟ FG	3	DC OUTPUT/+V					
		4	DC OUTPUT/+V	PBWER LED Voltage VR DUTPUT V- DUTPUT V- DUTPUT V-				
	Packing an	nd Weight	1					
Dimension	160*98.3*49mm	Weight	0.561kg	INPUT AC N				
Carton Dimension	464*357*342mm	Carton weight	0.64kg					
Cart	on quantity	48p	ocs/carton	Product model: PS250W				
	Devetin	~ Cumio		Static Characteristics(12V)				
	Derating	g curve						
load (%)	o io zo so environment ten	40 50 nperature	60 70 (°C )	90 70 70 60 50 40 85 95 100 115 120 140 160 180 200 220 240 264 Input voltage (VAC) 60Hz				
2. Make sui 3. Be ware		JT were in r sure may ca	right situation befo used by short circu	pre connected to power supply. ut when installing metal casing products.				
<ul> <li>F&amp;Q</li> <li>A. First use, connect the LEDs to the power supply, correct AC&amp;DC connection, but the LEDs are not light or other fault condition.</li> <li>Q. Cut the AC input, check whether there are any poor contacts in the AC and DC terminals.</li> <li>A. Correct connection, the LEDs is on but the brightness is too strong/too weak/flashing.</li> <li>Q. Cut the AC input, check whether over load or short circuit.</li> </ul>								
<b>After sale</b> Please cont	act us at eric@szsh	anpu.cc for	further solution if	any unforeable problem happens.				
Tel: 086 755 2306 0905 Fax: 086 755 2304 1269 Website: www.szshanpu.cc								
Add: 5th Floor, B3 Building, 2nd Nanchang Industrial Park, Xixiang Street, Baoan District, Shenzhen, China								