

ZXDU58 B900



ZXDU58 B900 Power System

Application:

- GSM/CDMA mobile station
- Microwave station
- Satellite BTS station
- Transmission station

Key Features:

- Intelligent micro-processor control
- High power density of 23W/in³
- High efficiency and power factor
- Full battery intelligent management system
- Wide and universal AC input range
- Sleep mode save energy
- Constant power output
- Safety and EMC performance comply with international standards

Introduction:

ZXDU58 B900 is a high frequency switch-mode DC power system designed by ZTE. It is an embedded power system with 19" 3U dimension. It is suitable to install together with telecommunication equipment such as: access equipment, mobile communication equipment, transmission equipment, etc.

The system is designed capacity up to 90A with three 30A rectifier modules. The rectifier is adopting micro-processor and advance power convert technology, power efficiency is more than 92%. ZXDU58 B900 will realize some of the lowest TCO (Total Cost Of Ownership) for operators.



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System Technical Features

PARAMETERS	DESCRIPTION
AC Input	
Rated input voltage	220Vac single-phase(L/N/PE)
Input voltage range (phase to neutral)	85~300Vac
Efficiency	≥92%(50%~100% load)
Harmonic distortion, THD	≤5%
Maximum Current	50A
Power factor (rated input, full load)	≥0.99
DC output	
Output voltage range	(-42 to -58)Vdc, adjustable
Output current (full configuration)	0~90A
Stability accuracy	<0.6%
Psophometric Noise	<2mv
Noise (peak-peak, 20MHz bandwidth)	≤150mv
Wideband noise	≤50mv(3.4KHz~150KHz) ≤20mv(0.15MHz~30MHz)
Output breaker	4 circuit breakers with two level LLVD
Battery input	2*80A breakers
Protection	OCP, OVP, UVP, OTP
Acclimatization	
Operating temperature	(-20 to +65)°C
Storage temperature	(-40 to +70)°C
Relative humidity	10% to 90%
Others	
Communication interface	RS232/RS485/RS422
Acoustic Noise	<55dBA
Dimension	132.5mm × 482.6mm × 319mm (H × W × D)
Weight	18.9Kg (at full configuration)
Applicable Standards	
Electrical Safety	IEC60950
Electro Magnetic Compatibility	EN61000-6-1(emmission ,light industry)
	EN61000-6-2(immunity,industry)
	EN61000-6-3(emission,light industry)
	Conduction: EN55022/Class B
	Radiation: EN55022/Class B

Note:The specifications are subject to change without prior notice