

ZXDU58 B121



ZXDU58 B121 Power System

Key Features:

- LVD protection, extending battery backup time of the important loads
- Provides AC auxiliary output
- Intelligent air cooling with low noise
- Supervision mode, RS232/RS485/Dry contact
- Hot-swap rectifier modules
- Front access design for easy installation and maintenance

Introduction:

ZXDU58 B121 is a high frequency switch-mode DC power system designed by ZTE. It is a built-in power system and can be put into telecom equipment's shelf to save space.

Based on leading proprietary and standard technology, the system rectifier is designed with high reliability, high efficiency, well electromagnetic compatible and is easy to maintain.

The power status information system allows the remote operation center to reduce, prepare, and prioritize site visits. The system and the rectifiers are fully complying with international standards.

Application:

- GSM/CDMA mobile station
- Microwave repeat station
- Satellite BTS station
- Transmission equipment
- Ground satellite transceiver stations
- Other small/middle capacity situation requiring reliable -48V power supply



ZXD1500 30A



ZXDU58 B121



System Technical Feature

PARAMETERS	DESCRIPTION
AC input	
Rated input voltage	220Vac single-phase 380Vac three-phase (optional)
Input voltage range (phase to neutral)	80 ~ 300Vac (45~66Hz)
Efficiency (rated input, full load)	≥90%
Power factor (rated input, full load)	≥0.99
DC output	
Output voltage range	(-42 to -58)Vdc, adjustable
Output current (full configuration)	120A (full load at >154Vac)
Output breaker	Max.output 6 breakers(6-63A)
Battery input	2*100A breakers
Protection	OCP, OVP, UVP, OTP
Safety standard	IEC60950-1
Environment requirement	
Operating temperature	(-5 to +50)°C
Storage temperature	(-40 to +70)°C
Relative humidity	10% to 90%RH
Dimensions and weight	396.1 mm x 482.6 mm x 350 mm (Hx W x D), 38.1kg

Rectifier Technical Feature

PARAMETERS	DESCRIPTION	
AC input	Input mode	Single-phase/3-wires (L/N/PE)
	Input voltage	Rated voltage: 220Vac; Fluctuation range: 80Vac ~ 300Vac
	Input frequency	Rated frequency: 50Hz; Fluctuation range: 45Hz ~ 66Hz
	Input current(maximum)	10A
	Efficiency	≥90%
	Input power factor	≥0.99
DC output	Output power	Rated output: 1500W ; Max. output: 1915W
	Output voltage	Rated output: 48Vdc ; Adjustable range: 42Vdc~58Vdc
Mechanical specification	Dimensions	134mmx87mmx290mm(H x W x D)
	Weight	3.5kg
Applicable standards	Electrical safety	IEC 60950-1
	EMC	ETSI EN300 EN 61000-6-1(immunity,light industry) EN 61000-6-2 (immunity, industry) EN 61000-6-3(emission,light industry) EN 61000-6-4(immunity, industry)

Note:The specifications are subject to change without prior notice

