

Power Supply

4860S



Power Specifications

	Specification	Remark
Input voltage	85~300V/45~65Hz	TN/TT grounding system
Output voltage	-42-58.5V	Nominal -53.5V
Rectifier power	2000W	LXPower1800/2000M/2000H
Surge current capacity	/	/
	/	/

Mechanical Specifications

Parts	Dimension/mm	Weight/kg
Subrack	1Ux482.6x370	/
Rectifier module	40.5x106x298.5	1.7
Monitor	42.5x85x230	0.8
Battery chamber	/	/
Mounting	19" rack	/

Overview

The LXPower4860S is specially designed to meet the demand for compact, flexible, high performance, high reliability power supply. The system consists of 1-2 units LXPower1800 high/standard efficiency rectifier modules of their mixture, a LX1800D monitor module, AC/DC distributors. 19 inches and 1U height standard structure adapts to various telecom cabinets and racks.

Features

- Cost effective solution: high integrated power supply including rectifier modules, controller, lightning protection, distributions
- Easy maintenance: hot plug rectifier module and fully front-access maintenance system for wall against or corner mounting
- Advanced battery management improves battery lifespan, especially suitable for poor AC mains application
- Extreme wide input voltage: 85V~300V AC
- Extreme wide operation temperature: -30°C~+65°C
- High/standard efficiency rectifier modules are compatible
- 1U height compact design
- System rated capacity: -53.5V DC/60A
- Whole monitor ports, RS232/485/SNMP, dry contactors
- LCD display with a state-of-the-art interface allows simple and convenient local set up, control and remote monitor
- Design standards: IEC/EN60950

Applications

- Macro/micro BTS sites
- GSM-R
- Enterprise
- Broadband access
- Optical fiber transmission system

Operation Ambient

Item	Specification	Remark
Storage temperature	-40~+70°C	/
Operation temperature	-30~+65°C	/
Safety	/	According to EN60950 and IEC60950
Communication	RS232+dry contact+SNMP	/
Operation moisture	10~95%	Non-condensing

System Configuration

Model	DC Capacity	Rectifiers	Monitor	Battery Access
LXPower4860S	48V/60A	1~2 units	LX2000	1~2strings

Distribution

/	LXPower4860S	Remark
ACinput	220V input	/
Battery	1 positive terminal; 1 negative terminal	/
DCoutput	4 positive terminal; 4 negative terminal	/
/	/	/

Part Details



Front View



Back View



Bottom View



Bottom View