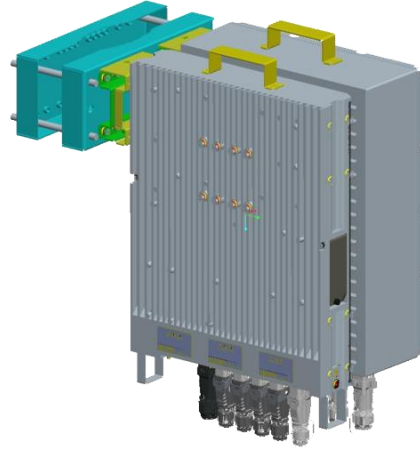


# Reliable, High-efficiency and Intellit.

**SYP48-3000** is an intelligent power module supply specially designed for 4G and 5G micro base stations. Its small size, light weight, high reliability, high efficiency, free parameter setting, and high intelligence. It's convenient for fast outdoor deployment and installation.

## SYP48-3000

Micro Base Station Intelligent Power System



### Telecommunications-Mobile/Wireless

- ✓ Micro base station
- ✓ LTE/4G/5G/WiMAX
- ✓ Microwave station
- ✓ Broadband support



### Telecommunications-Maintenance

- ✓ Telecom business hall
- ✓ Indoor distribution
- ✓ Data room
- ✓ Broadband support
- ✓ Optical cable



### Power Industry Control

- ✓ SCADA

<b>Model</b>	
<b>SYP48-3000</b>	
<b>Power Input Parameters</b>	
Rated input voltage	176~275 VAC
Input voltage range	85~300 VAC
Input frequency	45~66 Hz
Maximum input current	19 A <sub>RMS</sub>
Input power factor	> 0.99 @ 50~100% load
<b>Power Output Parameters</b>	
Rated output voltage	53.5 VDC
Output voltage range	43.2~57.6 VDC
Maximum output power @ 230 VDC	3000W
Maximum output power @ 85 VDC	1300W
Load branch	30A*3 strings, max. 30A*4 strings
Battery branch	Max. 80A*1 string
Communication Interface	DB15*2 (RS485, CAN, dry contact) , GPS, 4G and Bluetooth
<b>Other Parameters</b>	
Efficiency @ rated input	> 95%
Insulation	3.0Kvac-input to output, 1.5KVac-input to ground, 500Vdc-output to ground
Fault warning: red light	Mains power failure, high and low temperature protection, rectifier failure, output overvoltage failure, output low voltage failure, CAN bus communication failure
General warning: yellow light	Rectifier low power mode, battery current limit enabled, input voltage out of range, etc.
Normal operation: green light	
Cooling method	Natural cooling
IP rating	IP65
Running noise	< 20 dBA
MTBF(Telcordia SR-332)	> 100 000 hours (operating temperature 25°C)
Working temperature and humidity range	-40~+75°C, 5~95% relative humidity
Storage temperature and humidity range	-40~+85°C, 0~95% relative humidity
Dimensions(W*H*D)/ weight	340*430*61 (mm) /≤8.5kg
<b>Design standards</b>	
Electrical safety	YD/T3090-2016,YD/T731-2008.YD/T1058-2015, YD/T2344.1-2011,YD/T1051-2010,YD/T5186-2010, GB/T 13722-92
EMC	YD/T983-2013,GB 9254-2008,GB/T17626.2-2006,IEC 61000-4
Environment	GB 3096-2008, GB2894-2008, GB/T4208-2017, YD/T282-2000, GB/T 2423-1995