

OPS2000/3000BS

Natural Cooling Wall/Pole Mount Power Unit

Remote Monitoring and Battery Charging Management

230V
Nominal Input Voltage

Specifications

Nominal Voltage:	230Vac or 280Vdc
Voltage Range:	90-280Vac or 200-405Vdc (Output derated <176Vac)
Frequency Range:	45-65Hz
Power Factor:	>0.99
Peak Efficiency:	>96%
Input Lightning Protection:	20kA, 8/20 μ S
Input Low/Over Voltage:	Auto shutdown, auto restart when correct voltage restored
Input Inrush:	<1.5 x maximum input current

DC Output

Nominal Voltage:	53.5V
Voltage Range:	42-58V
Rated System Output Power	2000/3000W
Terminals:	3 x loads and 1x battery connectors
Regulation:	Line: $\leq \pm 1.0\%$, Load: $\leq \pm 1.0\%$ (no load to full load)
Start-up Time:	Start up delay 1-8 second.

Protection

Current Limit:	120% of maximum rated current
Over Temperature:	Automatic current turndown, backup shutdown protection
Polarity Reversal:	Output fuse with crowbar diode
Over Voltage:	Shutdown when voltage over 60V \pm 1V
Short Circuit:	Protected, Recovered when short circuit is removed
Noise(under nominal conditions):	
Voice Band:	< 2mV, rms psophometric
Wide Band:	3.4KHz-150KHz: < 50mV rms unweightd 150KHz-30MHz: < 20mV rms unweightd
Peak to Peak 0-20MHz:	< 200mV, peak to peak

Input to Output:	4240V DC/1min
Input to Chassis:	4240V DC/1min
Output to Chassis:	1420V DC/1min

Environmental

Operating temperature:	-40 to +55°C (max output power is derated above 55 °C)
Storage Temperature:	-45 to +70 °C
Humidity:	5-95%RH (non-condensing)
Altitude:	< 2500m

Mechanical

Dimensions (L, W, H):	410mm, 306 mm, 98mm
Weight:	< 12.5kg

53.5V
Nominal Output Voltage

2.0/3.0kW
Maximum Output Power



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OPS2000/3000BS is a 48V output convection cooling AC / DC power supply unit. It is designed for the outdoor applications. With the latest circuit design, reliable performance, and waterproof compact structure,

the entire power in strict accordance with the regulatory requirements designed to meet the IT equipment safety standards.

Features

✓ Wide input AC voltage	✓ Input over / under voltage protection
✓ High efficiency and regulation accuracy	✓ Output over voltage protection
✓ Convection cooling	✓ Output over current protection.
✓ Unit failure alarm signal output	✓ Input/output surge protection
✓ Over temperature protection	✓ IP65 protection
✓ COM ports	✓ Alarm dry contacts
✓ 3 Load, 1 battery connectors	✓ Built-in BLVD
✓ Charging voltage/current settable	✓ Battery temperature Compensation

