

# EAT•N

# Powerware

## 3G Enterprise Power Solutions



DC Power Solutions

### Features

- 19" rack mounting
- High power density
- Intelligent system controls
- Pre-configured software
- Onboard secure web server
- Push-in easy to fit circuit breakers
- Optional Low Voltage Disconnect
- Fast on-line expansion of rectifiers (Hot-Swap)
- High efficiency and unity power factor
- Easy to use menu & full colour display

Powerware 3G Enterprise Power Solutions are the ideal solution for low power tele-communications applications requiring compact, efficient and flexible DC power supplies.

These 19" rack mount systems are available with up to two of the Powerware 3G Enterprise Power or Access Power series of 48V rectifier modules providing a total output of up to 3600W.

The versatile SC200 system controller features a front access USB port for ease of system setup along with a RS232 rear port and a 10BaseT Ethernet port for remote networking & communications.

Communication features of the SC200 system controller include TCP/IP, SNMP and an onboard web server allowing access with standard web browsers. The SC200 also supports GSM cellular (including text messaging) and standard PSTN modems.

The Enterprise systems include an integral DC distribution panel with easy to fit push-in circuit breakers and optional low voltage disconnect contactor to prevent over discharging of the backup batteries.

Typical applications include providing secure power for customer premises equipment, roadside cabinets, converged VoIP/data networks, IP routers and small PABX's.

**Available Q4 2007**

# Technical Specifications

## EPS2-42x series Brief Technical Specifications

AC Supply	Nominal: 120V, 240V Operating Range: 90V – 275V
Power Factor†	>0.99 (50 – 100% Output Current)
Efficiency†	93% (50-100% Output Current)
DC Output Voltage Range	43-57.5V
DC Output Power (maximum*)†	240V AC: APR48-3G: 3.6kW EPR48-3G: 1.8kW 120V AC: APR48-3G: 1.8kW EPR48-3G: 0.9kW
* based upon 2 rectifiers fitted, refer to Rectifier data sheets	
Operating Temperature Range	-40°C to +70°C [-40°F to +158°F] Output current is derated above 50°C [122°F]
Dimensions H, W, D	EPS2-42x: 2U , 19" mounting, 13.2" [335mm]*
* Additional clear space is required for exhaust air.	
System Controller	SC200
DC Distribution Module	12-way circuit breakers (2 x Battery, 10 x Load) Circuit breaker type: Magnetic/Hydraulic, push fit type Battery circuit breakers: Heinemann AC1R Series Typical ranges available: 5A,10A, 20A, 30A, 40A, 50A, 70A, 80A, 100A Load circuit Breakers: Heinemann JC1S Series Typical ranges available: 5A,10A, 20A, 30A
Optional	
Low Voltage Disconnect (LVD)	Battery disconnect: 100A internal contactor

Communication Features	USB direct 10BaseT Ethernet, TCP/IP, SNMP, On board web server RS232 to external PSTN or GSM modem (modem not included)
Rectifier Blank Panels	For unused rectifier positions
DCTools	Configuration software. Free download from: <a href="http://www.powerware.com/downloads">www.powerware.com/downloads</a>
PowerManagerII	Remote control and monitoring software
Other Options	Extended Battery Module

† Power factor, efficiency and DC output power is dependant upon rectifier model fitted. Refer to the rectifier data sheet for further details.

## Certifications

All products comply with International Standards including CE and Class B emissions UL and FCC verification pending.

In the interests of continual product improvement, all specifications are subject to change without notice

