

solapowa

powasave



A Solar System That Works Day & Night





Energy Storage Technology



PS12 – 12V - 48

- Powered by Schneider Electric Conext XW Inverter Charger with 4.5kW (continuous) and 7.0kW (30 minutes) rating
- Pre-assembled and pre-configured cabinet incorporating Schneider Electric inverter charger, batteries, circuit and surge protection
- Tough, corrosion resistant, powder coated steel enclosure with lockable doors, natural cooling & with temperature activated fan backup
- Suited for either indoor or outdoor installation*
- Remote connectivity & generator support packs available as optional extras

MODEL NUMBER	PS12 - 12V - 48
Inverter/Charger	Schneider Electric XW4548-230-50
Continuous Power Backup	4500 watts, 230 VAC (tolerance +/-3%)
Network Number of Phases	Single
Type of Signal	True Sine Wave
Output Current	19.6A
Network Frequency	50 +/- 0.1 Hz (output)
Harmonic Distortion	< 5% at rated power
AC Input Voltage	230 VAC
DC Input Current	96A (at rated power)
DC Charging Current	85A
Efficiency	95.6% (peak)
Power Consumption	<7 W (search model)
Battery Type	Sealed Absorbed Glass Matt(AGM)
Battery Nominal Voltage	12 VDC
Battery Number	4 (batteries wired in series)
Battery Nominal Capacity	260Ah @ C10 (10 hour rate @ 25°C)
Battery System Nominal Working DC Voltage	48 VDC
Battery Storage Capacity	12kWh
Lifespan @ 50% DoD**	> 800 cycles
Available Energy @ 50% DoD**	5kWh
Warranty - Cabinets, Electrical Equipment & Batteries***	1 year
Warranty - Conext Inverter/Charger	5 years

*Outdoor applications to be placed out of direct weather and out of direct sunlight, sheltered undercover positions only. **Lifespan of batteries & available energy figures are estimates only based on 10 hour discharge rates @ 25 degrees celcius. Schneider Electric is a registered trademark and owned by Schneider Electric Industries SAS or its afflicted companies. Solapowa is a registered trademark of OZRoll Pty Ltd. ***Excluding fuses and surge arrestors.