

ZENERGIZE ZBC 250-575

Atlas Copco Zenergize Portable Storage: ZBC 250-575



General Information		50Hz
Dimensions LxWxH (mm)		2991 x 2438 x 2896
Mass (Wet - Ready to operate) (kg)		12 500
Nominal Rated Power (kW/kVA)		250/250
Nominal Energy Storage Capacity (kWh) & Net Energy Stored (kWh)		500 / 575
Rated Voltage (50Hz) VAC		400/230
Battery System Voltage (Vdc)		768v
Nominal Rated Current (A)		360
Operating Temperature (°C)		-20° to 60°
Sound Power Level (dB(A))		<70
Battery		
Quantity (units)		42
Cell Chemistry		Lithium Ion Phosphate LiFePO4
Nominal Voltage (Vdc) / Nominal Capacity @ 25°C (Ah)		51.2 / 250
DoD% (Depth of Discharge %)		90
Energy Density (Wh/kg)		136
Overcurrent Capability		Up to 1,25 x Nominal Current
Lifetime (70% DoD) (Capacity above 80% of Nominal)		6000
Inverter		
Quantity (Units)		5
Total Peak Power (kW)		275
Charger Voltage (Vdc)		716.80
Total Charger Capacity		116
Performance		
Discharge Autonomy 100% / 75% nominal Power (H)		2 / 2,6
Discharge Autonomy 50% / 25% nominal Power (H)		4 / 8
Recharging Time / Parking Mode Recharging @DoD%) (H)		N/A
Recommended Generator Size (A)		>50
Rand Air South Africa (Pty) Ltd		

Part of the Atlas Copco Group

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For Information Only. Subject to change without notice. Information is for guidance only contact your nearest rental office for application advice .

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