

Small Cell Power Series Outdoor Power Cabinet DORS 430K 30 A 54 Vdc 220 Vac



Small Cell Power Series Outdoor Power Cabinet for 4G and LTE mobile networks.

Wall mounted IP 55 cabinet with battery shelf and outdoor rectifier.

FEATURES

High efficiency

Efficiency up to 90%

Wide input voltage range

176 - 264 Vac 1Ph

High operating temperature range

Operating -30° to +50° C

Reliable convection cooling

Compact Outdoor Cabinet

Wall mount IP 55 enclosure

Shelf space for 4 x 18 Ah batteries

AC utility outlet

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SPECIFICATIONS

AC Input

Nominal	220 Vac 1 ph
Range	176 - 264 Vac
Frequency	57~63 Hz
Inrush	50 A at nominal input (max cold start)
Leakage	3.0 mA at 220 Vac
Efficiency	Up to 90%
Input protection	Double pole 15 A fuse / 250 Vac Undervoltage Overvoltage

DC Output

Nominal voltage	53.3 Vdc
Adjustment range	42.0 - 58.0 Vdc
Output current	30 A max
Line regulation	± 1.0% Max over entire input range
Load regulation	± 1.0% Max
Temperature regulation	± 1.0% Max
Ripple and noise	≤250 mv, p-p, (10 Hz - 14 MHz)
Over current	105 - 130%
Output projection	Overvoltage ≤ 57.5 Vdc (recycle input to reset) thermal shutdown battery temperature compensation

Battery

Configuration	4 x 12V 18 AH (not included)
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General Specifications

MTBF	100,000 hours
Operating temp	-30° to +50° C
Storage temp	-40° to +75° C
Humidity	10 - 90% non-condensing
Cooling	Convection cooling
Altitude	2,000 m
Enclosure H x W x L	645 x 400 x 245 mm
Interface	GUI, input dry contact, alarm

Standards

Electrical safety	IEC 60950-1, UL 60950-1
EMC	EN 55022 Class A (conducted) IEC 61000-4-2 (electrostatic discharge) IEC 61000-4-3 (radiated immunity) IEC 61000-4-4 (fast transients) IEC 61000-4-5 (surge immunity) IEC 61000-4-6 (conducted immunity) IEC 61000-4-10 (voltage dips) IEC 61000-4-11 (voltage interruptions)
Harmonics	EN 61000-3-2 Class D
Enclosure	IP 55