

Small Cell Power Series Outdoor Power Cabinet KLTE-430D 30 A 54 Vdc 220 Vac



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

Wall or Pole mounted IP 65 cabinet with outdoor rectifier.

External battery optional.

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 or poll mount IP65

AC utility outlet

Monitoring

Full feature status and alarms

Dry contact alarm

LED alarm indicators

Worldwide certifications

UL, CE and NEBS Level 3

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SPECIFICATIONS

AC Input

Nominal	220 Vac 1 ph
Range	176 - 264 Vac
Frequency	47-63 Hz
Inrush	20 A at nominal input (max cold start)
Current	10 A at nominal input (max continuous)
Leakage	3.5 mA at 264 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	40.0 - 58.0 Vdc
Output current	30 A max
Line regulation	± 0.5% Max over entire input range
Load regulation	± 0.5% Max
Temperature regulation	± 0.5% Max
Ripple and noise	≤250 mv, p-p, (10 Hz - 14 MHz)
Over current	105 - 130%
Output projection	Overvoltage ≤ 59 Vdc (recycle input to reset) Thermal shutdown Battery temperature compensation

Battery

Configuration	External (not included)
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General Specifications

MTBF	150,000 hours
Operating temp	-30° to +50° C
Storage temp	-40° to +85° C
Humidity	10 - 90% non-condensing
Cooling	Convection cooling
Altitude	3,000 m
Rectifier H x W x L	362 x 250 x 232 mm
Communication	High signal indicates DC is within regulation
Interface	RS485, TCP/IP, 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) IEC 61000-3-3 (fluctuations & flicker)
Harmonics	EN 61000-3-2 Class D
Environment	NEBS Level 3
Certification	UL, CE LVD, CB