

NetSure IPE Series

Dengta Battery Backup



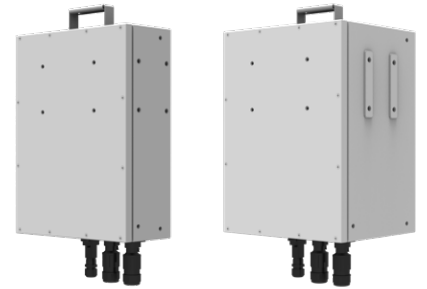
Benefits

- Run your network on silent, convection-cooled DC power and batteries
- Enjoy maintenance free operation
- Fast and easy to deploy with NetSure IPE R48-2000C2 rectifiers using quick connectors
- Ideal for weight sensitive applications such as poles, rooftops and towers

Used in concert with NetSure IPE outdoor power systems, Dengta IP65 lithium-ion batteries provide superior backup performance for your critical 5G sites.

Description

Dengta IP65 lithium-ion batteries coupled with NetSure IPE outdoor power systems provide superior system performance and energy backup in 5G applications including small cells and remote radio heads (RRHs). Fanless cooling eliminates maintenance, and noise. Ideal for fast and easy deployment in public spaces.



Batteries and rectifiers are both IP65 rated for protection against dust and water intrusion in harsh outdoor environments. Flexible installation options include pole or wall mounting in flag or flat position. The batteries are equipped with quick connectors for speedy installation.

20Ah or 50Ah battery packages are available to fit differing backup needs. Connection, communication, and alarms are easily handled for the complete system including NetSure R48-2000C2 rectifier and Dengta battery.

Application

The NetSure IPE Series is ideal for use in network edge applications including 5G and DAS. Rapid deployment outdoors is easy since the unit is hardened and does not require a separate housing for protection against the elements.

NetSure IPE Outdoor Rectifier with 20 Ah Battery Box



Wall mount, flag position



Wall mount, flat position



Pole mount, flag position



Pole mount, flat position

Technical Specifications

Output	51-BKB01030020-00A (20 Ah)	51-BKB01030050-00A (50 Ah)
Operating Range	42 to 60 VDC	42 to 60 VDC
Nominal Capacity	20 Ah	50 Ah
Discharge Current, Maximum	20 A	50 A
Disconnect Voltage	43.2 VDC	43.2 VDC
Overcurrent Protection	25 A	60 A
Recharge Current	5 A	10 A
Recharge Efficiency	98%	98%
Environmental		
Operation Temperature	-40°C to +55°C	-40°C to +55°C
Storage Temperature	-40°C to +55°C	-40°C to +55°C
Control and Monitoring		
Status Indicators	3 LEDs	3 LEDs
Communication	RS485	RS485
Standards Compliance		
Safety	IEC62619, IEC62368	IEC62619, IEC62368
EMC	IEC61000 conducted Class A, radiated Class B	IEC61000 conducted Class A, radiated Class B
Environment	Reach, RoHS, WEEE, EQ Zone 4 in combination with NetSure IPE rectifier	Reach, RoHS, WEEE, EQ Zone 4 in combination with NetSure IPE rectifier
Ingress Protection	IP65	IP65
Mechanical		
Dimensions (H x W x D)	400 x 300 x 130 mm / 15.8 x 11.8 x 5.2 inches	400 x 300 x 240 mm / 15.8 x 11.8 x 9.5 inches
Weight	17.2 kg / 38 lbs	30 kg / 66.2 lbs
Mounting Options	Pole or wall, flag or flat position	Pole or wall, flag or flat position

Ordering Information

Part Number	Description
51-BKB01030020-00A	20 Ah Dengta battery designed for use with NetSure IPE outdoor rectifier
51-BKB01030050-00A	50 Ah Dengta battery designed for use with NetSure IPE outdoor rectifier
02236200	Flag mounting bracket for battery installation with R48-2000C2
02236201	Flat mounting bracket for battery installation with R48-2000C2

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