

ESFA4000-HTA Series

Power system



Descriptions

Delta ESFA4000-HTA Series power system consisting of compact shelf enclosures, rectifier modules and related power distribution units, is under the control of control and Supervisory Unit. User can operate the system via the user friendly, LCD interface. Meanwhile, with the Delta power system management software.

Delta ESFA4000-HTA Series power system is designed to meet the demands of today's and tomorrow's wireless and wire-line network applications.

It combines a compact, modular design and intelligent power features and is manufactured in our modern **ISO 9001** and **TL 9000** certified facility

Applications

WiMAX power application
Network base stations
Wireless application
Fixed line application, data communications
Core Site application



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Technical specifications

1. Input	
AC connection	3P+N, 3 Phase 380Vac
Nominal voltage	380 V _{RMS}
Frequency range	45 - 65 Hz
Mains breaker	2 x 3P 200A breaker/bay
AC surge protection	2 x 3P+N class C

2. Output	
Voltage range	42 – 58 V _{DC} ; 54 V _{DC nom}
Power, nominal	4000A (2 bays)
Load distribution PDU	Breaker (Plug-in, 96 max.): 100Ax9,60Ax18,30Ax15,20Ax1 Breaker: 600A x 6
Battery distribution	1000A x 6 (NH Fuse)
LVBD on battery	No
LVLVD	No
Relay output	6

3. Ordering information	
Part number	ESFA4000-HTA Series

4. General	
Height, overall	2000mm
Width, body	600 mm x 2 bays
Depth, overall	600 mm
Ambient temperature	0 - +45 °C
Relative humidity	95 % max, non cond.
Safety	TUV/UL(Rectifier)
Controller	Orion
Temperature sensor	Ambient x 1 Battery x 1
Rectifier	DPR 6000

5. Rectifier (optional)	
DPR 6000-48 EnergE	96.5% efficiency

6. Accessories	
Battery cable	Optional
Rectifier blank panel	Optional
WEB/SNMP card	Optional

** Contact Delta for the various configurations options

* Specification subject to change without prior notice.

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