

Power system

ES48/22-HFT Series

Description

Delta ES48/22-HFT 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 ES48/22-HFT 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.



Main features

- 1U/19" compact enclosure
- 2 rectifier slots
- Rectifier output power from 300W/600W
- User friendly user (LCD) operation interface
- Wide input voltage range
- Module design, simple maintenance
- Compact design, saves valuable floor space
- Intelligent remote system monitoring and control

Applications

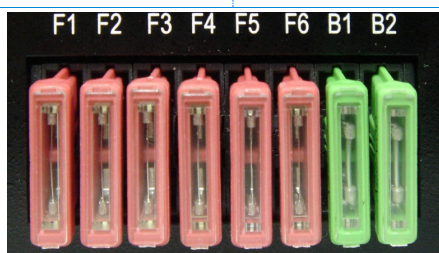
- WiMAX power application
- Network base stations
- Wireless application
- Fixed line application, data communications



Technical specifications

1. Input	
AC connection	1P: Single Phase: 200-240V
Nominal voltage	220 V _{RMS}
Frequency range	45 - 65 Hz
Mains terminal	Input terminal (L-N-PE)
AC surge protection	External mounting

2. Output	
Voltage range	42 – 58 V _{DC} ; 54 V _{DC nom}
Power, nominal	2 rectifier slots
Load distribution	1-6 pcs; max. 1~15A
Battery distribution	1-2 pcs; max. 30A



LVD on battery	Yes
Extra LVD	No
DC surge protector	External mounting
Relay output	6

3. Ordering information	
Part number	ES48/22-HFTXX—1P

3. General	
Height, overall	44.5 mm (1U)
Width, body	432 mm (19")
Depth, overall	300 mm
Weight, system	3.5 kg (w/o Rectifier)
Ambient temperature	-20 - +65 °C
Relative humidity	95 % max, non cond.
Safety	CE , TUV/UL(Rectifier)
Controller	CSU 502+
Rectifier	DPR 300B-48 DPR 600B-48

4. Accessories (Optional)	
Rectifier blank panel	
WEB/SNMP card	
Battery fuse	
Load fuse	
Battery cables	

* Specification subject to change without prior notice.



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