



CPC 1500B EnergE

DC/DC Converter

Product Feature

- Energy saving – leading edge efficiency
- Energy saving – high power density
- Applicable in indoor – extended temperature range
- Up to 5 modules per 1U /19 in shelf
- Up to 6 modules per 1U / 23 in shelf
- Easy installation, commissioning and maintenance
- LED status indicators
- TUV, UL and CE certificate

Specifications

Model CPC 1500B-24 ID:A2

1. Input	
Mains voltage	38 – 60 V _{DC}
Current (Max.)	38 A
EMI (conducted)	EN 55022, class A
Protection	Internal fuse
2. Output	
Nominal system voltage	27 V _{DC}
Operating Voltage range	24 -28 V _{DC}
Power limitation	1500 W
Current limitation	58 A
Over voltage protection	29.5 V
EMI (conducted)	EN 55022, class A
Load sharing	Yes
Protection	Oring diode
3. General	
Efficiency	95.0 %
Power density	34 W/in ³
Communication Interface	CAN bus
Control and monitoring	Orion controller
User interface	Status indication
Cooling	Fan cooled
Acoustics	50 dB(A)
Dimensions (W x H x D)	84.5 x 40.0 x 335.0 mm (3.3 x 1.6 x 13.2 inch)
Weight	1.8 kg (3.9 lb)
Operating temperature	-40 to +75 °C (-40 to +167 °F)
Relative humidity	95%, non-condensing (Max.)
4. Standards	
Safety	EN / IEC 60950 UL 60950 CAN / CSA – C22.2
EMI (radiated)	EN 55022, class B
Environment	RoHS compliant
5. Ordering information	
DC/DC Converter	DCS-27/58A A-S

*All specifications are subject to change without prior notice.

Delta Group Website:

www.deltaww.com

Product Website:

www.deltapowersolutions.com

United States of America & Canada

Delta Greentech (USA) Corp.
2360 Campbell Creek Blvd. #530
Richardson (Texas) 75082
Phone: 972-437-7900

DLDGASales@delta-corp.com

Central America

Delta Electronics International Mexico,
S.A. de C.V.

Via Gustavo Baz No. 2160
Col. Industrial La Loma Tlaineptla
CP 54060, Edo de Mexico

South America

Delta Greentech (Brasil) S.A
Rua Itapeva, 26 - 3 andar - Bela Vista
01332-000 - São Paulo - SP - Brasil

Asia Pacific

Delta Electronics, Inc.
3 Tungyuan Road, Chungli Industrial
Zone,
Taoyuan County 32063, Taiwan

China

Delta Electronics (Shanghai) Co., Ltd
No.182 Minyu Road, Pudong Shanghai,
P.R.C., China

Japan

Delta Electronics (Japan), Inc
2-1-14 Minato-ku shibadamin, Tokyo
105-0012, Japan

Russia

Delta Energy Systems LLC
Vereyskaya Plaza II, office 401
121357 Moscow, Russia

Europe

Delta Energy Systems (Switzerland) AG
Freiburgstrasse 251
3010 Bern-Bümpliz, Switzerland