



DC-DC Power Module for High Voltage DC Systems



1400W

NEW

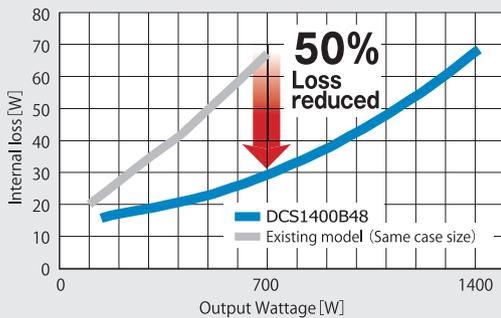
DCS
series



Model Name		DCS1400B	
Input Voltage		200 to 435VDC (Surge-time 500V, 100ms or less)	
Output Voltage / Current	12V	100A	
	24V	58.5A	
	28V	50A	
	36V	39A	
	48V	29.2A	
	65V	21.6A	
Efficiency (280VDCin, Io=100%) ※Output voltage 48V		95%	
Operating Temperature	Aluminum Base-plate	-40°C to +100°C (Derating is required.)	
	Ambient Temperature	-40°C to +85°C	
Safety Standards		UL62368-1, C-UL (equivalent to CAN/CSA-C22.2 No. 62368-1), EN62368-1	
Case Size (W x H x D)		116.8 x 12.7 x 61.0 mm [4.60 x 0.50 x 2.40 inches]	
Cooling Method		Conduction Cooling (Aluminum Base-plate)	

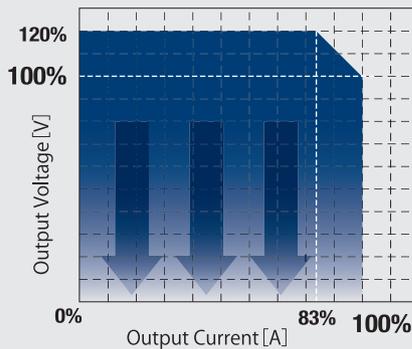
Size Reduction

Size reduction due to removing internal loss

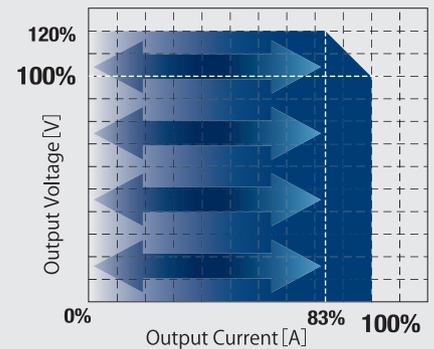


Increases Design Availability by Various Functions

Output voltage adjustment is available for setting down to approximately 0V.



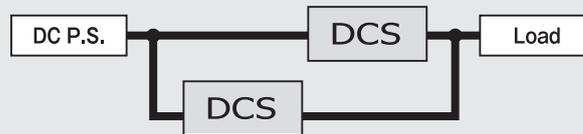
Constant current mode is available.



Target Applications

- Semi-conductor Manufacturing Machines
- Radar Equipment
- High Frequency Amplifier Equipment
- Renewable Energy Equipment

Possible for parallel CVCC control



**12PCS.
max.**

- PG (Power Good) Signal Output
- Remote-control
- Remote-sensing
- ORing FET available (Option: -P2)

Head Office **COSEL CO., LTD.**

1-6-43 Kamiakae-machi, Toyama 930-0816, Japan

Phone +81-76-432-8152

E-mail sales@cosel.co.jp

URL https://www.cosel.com/en/

Worldwide Sales/Support Network

[AMERICA]

COSEL U.S.A., INC.

Phone +408-980-5144

E-mail sales@coselusa.com

URL https://coselusa.com

《Engineering and Technical Support》

E-mail techsupport@coselusa.com

[EUROPE]

COSEL EUROPE GmbH

Phone +49-69-95 00 79-0

E-mail sales@coselurope.eu

URL https://www.coseleurope.eu

《Engineering and Technical Support》

E-mail techsupport@coselurope.eu

[ASIA]

COSEL ASIA LTD.

Phone +852-2305-2712

E-mail sales@coselasia.com

URL https://www.coselasia.com

COSEL (SHANGHAI) ELECTRONICS CO., LTD.

Phone +86-21-6440-0381

E-mail sales@coselasia.cn

URL https://www.coselasia.cn