



CSS65 Series

2 x 4" 40 to 65W AC-DC
Medical Power Supplies

- Wide Range AC Input
- Low profile, Industry Standard Footprint
- Global Safety Agency Compliance

Key Market Segments & Applications

- Medical
- Gaming
- Test & Measurement

CSS65 Features and Benefits

Features

- Industry standard footprint
- Wide Range AC Input
- Dual input fuses

Benefits

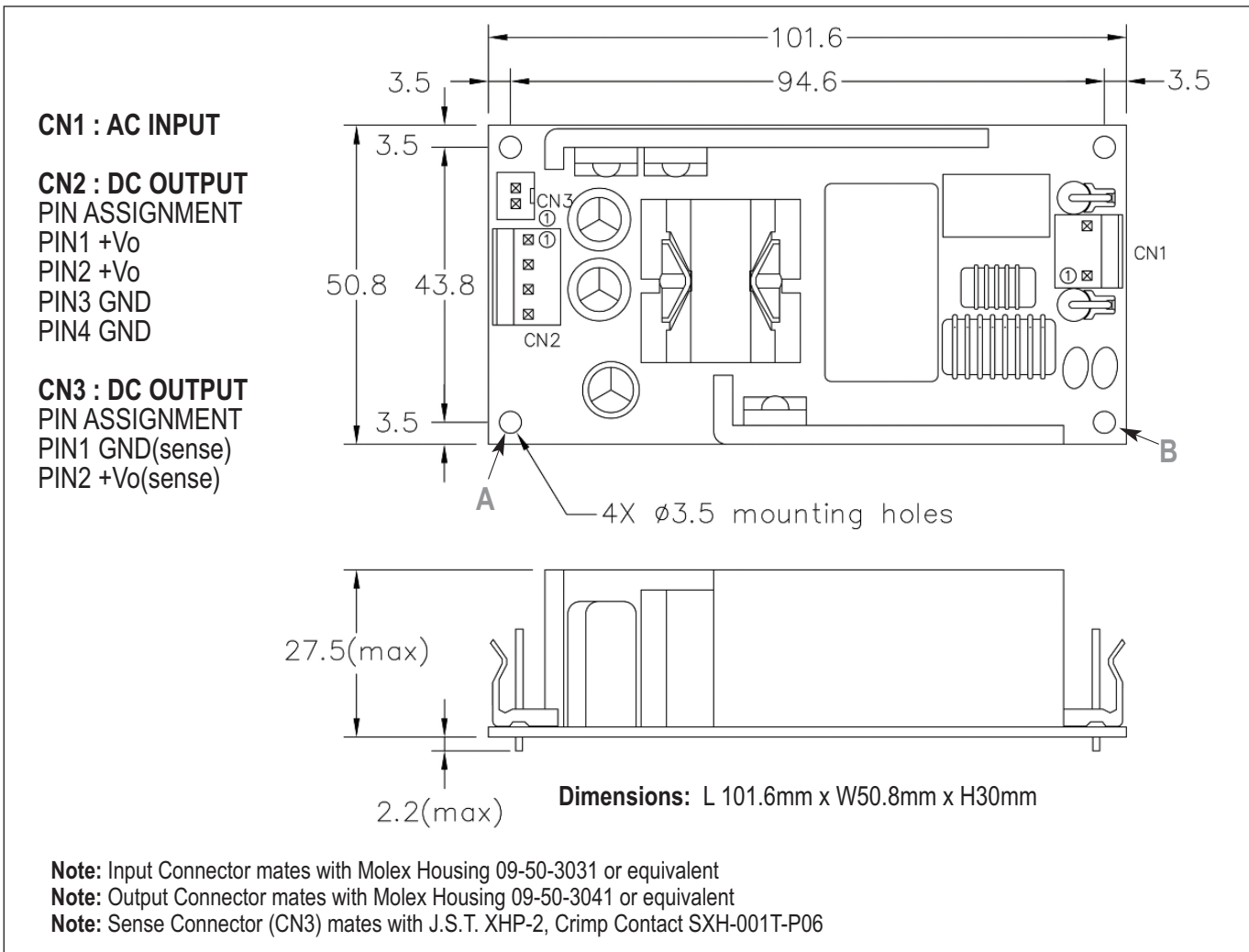
- Availability to second source
- Global Operation
- Easier system compliance

Specifications

ITEMS		CSS65
Input Voltage range	V	90 - 264VAC (47 - 63Hz) or 120 - 370VDC
Inrush Current	A	<40A maximum at 115VAC input, 25oC ambient cold start
Input Current (115/230VAC)	A	2 / 1
Leakage Current	µA	<250uA 264VAC 63Hz
Hold Up Time (Typ)	ms	10ms at 115VAC input
Temperature Coefficient	°C	±0.05%/°C
Adjustment Range	-	None
Remote Sense	-	Yes
Minimum Load	A	None
Regulation	%	5V: ±5%, 12-24V: ±3%, 36-48V: ±2% (10 - 100% load change, 100-240VAC line change)
Ripple & Noise	%	1%
Short Circuit Protection	-	Continuous - hiccup mode
Overvoltage Protection	V	110 - 150% of nominal (Automatic Reset)
Efficiency	%	up to 87% (see Model Selector)
Operating Temperature	°C	0 to +70°C derate linearly to 50% load from 50 to 70°C
Storage Temperature	°C	-10 to +70°C
Humidity (non condensing)	-	20 - 95% RH
Cooling	-	Convection
Withstand Voltage	-	Input to Ground 1.5kVAC, Input to Output 4kVAC, Output to Ground 500VDC for 1 min.
Isolation Resistance	-	>20MΩ at 25°C & 70%RH, Output to Ground 500VDC
Vibration (non operating)	-	23.52m/s ² (10 - 55Hz: constant sweep 1 min X, Y, Z for 1 hour)
Shock	-	< 196.1 m/s ² (20G)
Safety Agency Approvals	-	UL60601-1, EN60601-1, IEC60601-1, UL60950, EN60950, CE
Conducted & Radiated EMI	-	EN55011-B, FCC Class B
Immunity	-	EN60601-1-2
Weight (Typ)	g	200g
Size (WxLxH)	mm	51 x 104 x 30 (including underside components)
Warranty	yrs	2

Model Selector				
Model	Output (V)	Maximum Output (A)	Maximum Power (A)	Efficiency % (typ)
CSS65-5	5	8.0	40	81
CSS65-12	12	5.0	60	86
CSS65-15	15	4.0	60	86
CSS65-19	19	3.43	65	86
CSS65-24	24	2.71	65	87
CSS65-36	36	1.81	65	87
CSS65-48	48	1.36	65	87

Outline Drawing CSS65 Series



Earthing points: The CSS65 is a Class I product. When installing the CSS65, fixing points **A** & **B** must be securely connected to a protective earth in the final system assembly.

Fusing: Internal fuses (F1 & F2): The product is dual fused in the L and N line, T3.15A, 250V. The product is not user serviceable. Fuses must not be replaced by the user.



TDK-Lambda France SAS

3 Avenue du Canada
 Parc Technopolis
 Bâtiment Sigma
 91940 les Ulis
 France
 Tel: +33 1 60 12 71 65
 Fax: +33 1 60 12 71 66
france@fr.tdk-lambda.com
www.fr.tdk-lambda.com



Italy Sales Office

Via dei Lavoratori 128/130
 20092 Cinisello Balsamo (MI)
 Italy
 Tel: +39 02 61 29 38 63
 Fax: +39 02 61 29 09 00
info.italia@it.tdk-lambda.com
www.it.tdk-lambda.com



Netherlands

info@nl.tdk-lambda.com
www.nl.tdk-lambda.com



TDK-Lambda Germany GmbH

Karl-Bold-Strasse 40
 77855 Achem
 Germany
 Tel: +49 7841 666 0
 Fax: +49 7841 5000
info.germany@de.tdk-lambda.com
www.de.tdk-lambda.com



Austria Sales Office

Aredstrasse 22
 2544 Leobersdorf
 Austria
 Tel: +43 2256 655 84
 Fax: +43 2256 645 12
info@at.tdk-lambda.com
www.de.tdk-lambda.com



Switzerland Sales Office

Bahnhofstrasse 50
 8305 Dietlikon
 Switzerland
 Tel: +41 44 850 53 53
 Fax: +41 44 850 53 50
info@ch.tdk-lambda.com
www.de.tdk-lambda.com



Nordic Sales Office

Haderslevvej 36B
 DK-6000 Kolding
 Denmark
 Tel: +45 2911 9556
info@dk.tdk-lambda.com



TDK-Lambda UK Ltd.

Kingsley Avenue
 Ilfracombe
 Devon EX34 8ES
 United Kingdom
 Tel: +44 (0) 12 71 85 66 66
 Fax: +44 (0) 12 71 86 48 94
powersolutions@uk.tdk-lambda.com
www.uk.tdk-lambda.com



TDK-Lambda Ltd.

Kibbutz
 Givat Hashlosha 48800
 Israel
 Tel: +9 723 902 4333
 Fax: +9 723 902 4777
info@tdk-lambda.co.il
www.tdk-lambda.co.il



C.I.S.

Commercial Support:
 Tel: +7 (495) 665 2627
Technical Support:
 Tel: +7 (812) 658 0463
info@tdk-lambda.ru
www.tdk-lambda.ru

Local Distribution

