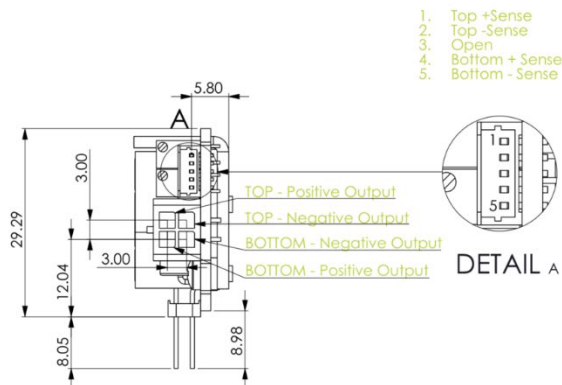
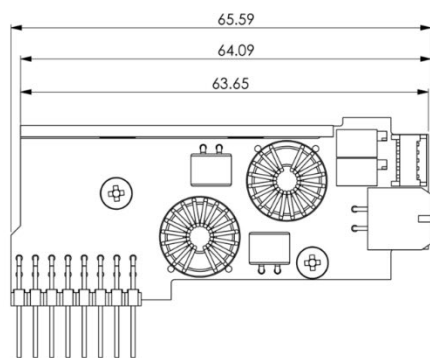




OUTPUT MODULE 5 SPECIFICATIONS

Parameter	Details	Min	Typical	Max	Units
Output Voltage Range	Manual adjustment. Each channel	3.3	12	15	Volts
Output Current Rating	Each channel			5	Amps
Output Power Rating	Each channel			75	Watts
Initial voltage setting accuracy	Factory set units	-0.5		0.5	%
Load Regulation	Measured at sense terminals	-50		50	mV
Line Regulation	Measured at sense terminals	-0.1		0.1	%V _{NOM}
Cross Regulation	Measured at sense terminals	-0.2		0.2	%V _{NOM}
Minimum load		0 ⁽¹⁾			Watts
Temperature coefficient		-0.02		+0.02	%/°C
Ripple and Noise	20MHz BW, pk-pk			2	%V _{NOM}
Transient response	25% to 75% load transient at 0.5A/μs			2	Volts
	Recovery to within 10% of V _{SET}			200	μs
Turn on rise time	Monotonic 10% to 90%	2		4	mS
Turn on overshoot				0.1	%V _{SET}
Turn on delay	AC to PG EN to PG		600 15	750 20	mS
Open Sense offset	Voltage offset between sense lines and output terminals when sense lines unused			1	%V _{NOM}
Holdup voltage				12	Volts
Isolation to ground	Each output terminal.			250	Volts
Over current protection	Constant current mode	105	115	175	%Rated
Reverse current protection	Yes	-6		0	%Rated
Short circuit protection	Period/Duty cycle/Voltage Threshold (Measured at sense terminals)		260/3.5/65		mS/%V
Over Voltage Protection	Latching		22		Volts
Over Temperature Protection	Various locations	115		125	°C
Power cable voltage drop	Positive/Negative power cables	-3		0.5	Volts
Power Good Threshold	Low threshold only		92.5		%V _{SET}
Reliability	40°C 80% load			1	FPMH
Warranty				3	Years
Wire Size		22	20		AWG
Size	60 (L) x 35 (W) x 17 (H)				mm
Weight	60				Grams



Note 1. Minimum Output levels achievable when using V-control and I-control may be >0 due to the minimum on-time of the PWM controllers

All specifications are believed to be correct at time of publishing. Vox Power Ltd reserves the right to make changes to any of its products and to change or improve any part of the specification, electrical or mechanical design or manufacturing process without notice. Vox Power Ltd does not assume any liability arising out of the use or application of any of its products and of any information to the maximum extent permitted by law. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any products of Vox Power Ltd. VOX POWER LTD DISCLAIMS ALL WARRANTIES AND REPRESENTATIONS OF ANY KIND WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF SUITABILITY, FITNESS FOR PURPOSE, MERCHANTABILITY AND NON-INFRINGEMENT. Please consult your local distributor or Vox Power directly to ensure that you have the latest revision before using the product and refer to the latest relevant user manual for further information relating to the use of the product. Vox Power Ltd products are not intended for use in connection with life support systems, human implantations, nuclear facilities or systems, aircraft, spacecraft, military or naval missile, ground support or control equipment used for the purpose of guidance navigation or direction of any aircraft, spacecraft or military or naval missile or any other application where product failure could lead to loss of life or catastrophic property damage. The user will hold Vox Power Ltd harmless from any loss, cost or damage resulting from its breach of these provisions.

