

3000W

Stand-Alone AC-to-DC

Linear Power Supply



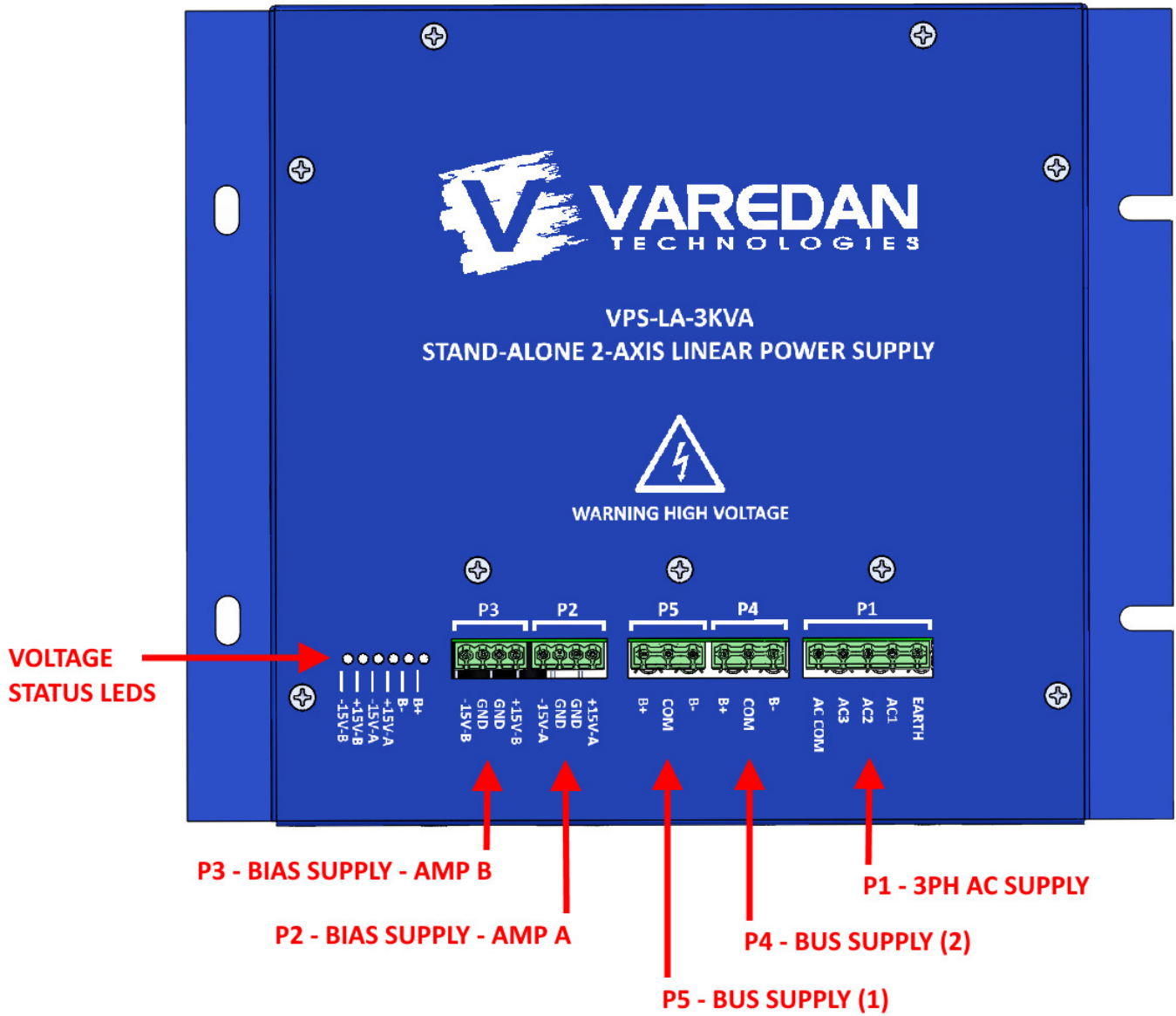
Part Number	
VPS-LA-3KVA-xxxVAC-yyyVDC	
xxx	Input AC voltage, phase to phase. For example, input power 220Vac to neutral, xxx should be 380VAC .
yyy	Output bipolar DC bus voltage. For example, yyy = 260 indicates output DC bus voltage is +/-130V.

Input	
Input voltage	User defined. 90-264Vac, phase to neutral.
Frequency	47 – 63 Hz
Configuration	3-phase with central tap (neutral), 4 or 5 wires.
Input fuses	3 fuses. 10A fast acting in each live line. No fuse in neutral line.
Inrush current	< 30A

Isolation	
Input AC to output DC	4 KV

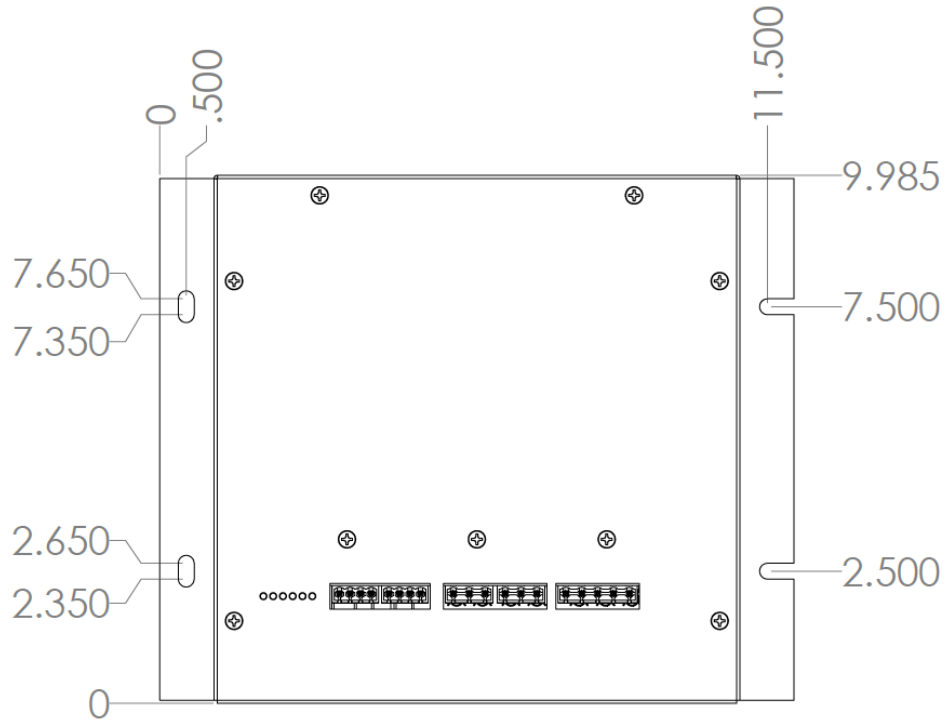
Output	
Main bus voltage	User specified. Full loaded bi-polar voltage, < +/-150V, unregulated.
Output bus power	1500VA on positive rail and 1500VA on negative rail.
Transformer efficiency	95% (unloaded voltage/full loaded voltage)
Unloaded voltage tolerance	+/-3%
Output fuses	20A slow acting in each voltage output. Total 4 fuses.
Bias voltage	+/-15V, regulated, 2 lines. Max 1.5A per rail of every line.

User I/O Specification		
P1	3 phase AC input	Würth 691313410005
P2	+/-15V, output A	Würth 691313510004
P3	+/-15V, output B	
P4	Bus voltage, output 1	Würth 691313410003
P5	Bus voltage, output 2	



Mechanical	
Weight	63 lbs
Dimension - height	12 x 10 x 8 (inches)

Top View



Side View

