



**TDK-Lambda Americas Inc.**  
401 Mile of Cars Way, Suite 325  
National City, CA 91950 USA  
<http://us.tdk-lambda.com/lp>

October 1, 2015

Re: Obsolescence of SWS50-600, SWS300A, PH-S & PH-F (excluding PH300S280 & F280) Series

Dear Valued Customer / Partner,

TDK-Lambda has received EOL notices for key semiconductors and control ICs used in our SWS50-600, SWS300A, PH-S & PH-F power supplies, despite negotiations with these suppliers to provide alternative sources of supply. As a result of this, we are announcing the obsolescence of the above models.

Recently TDK-Lambda has been launching new, higher performance products as replacements. These include the RWS-B and PH-A series to replace the above products, many of which have been in production for over 20 years.

A listing of the affected models and their replacements can be found in subsequent pages.

TDK-Lambda recognizes that as a past or current customer of these products, you may require additional units until substitution testing is complete or for service spares. We are offering a last time buy opportunity until September 1<sup>st</sup>, 2016, with a last time ship date of March 1st, 2017. Please understand that these orders would be non-cancelable and non-returnable.

Please contact our technical support for additional information. 1-800-526-2324 or email [lambda.techsupport@us.tdk-lambda.com](mailto:lambda.techsupport@us.tdk-lambda.com)

Sincerely,

A handwritten signature in black ink, appearing to read 'Tom Tillman', enclosed within a hand-drawn oval.

Tom Tillman  
Director of Marketing

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility	Notes
SWS10012	96	188	45	RWS100B12	94	108	39	N	N	
SWS10015	96	188	45	LS10015	97	157	38	N	N	
SWS10024	96	188	45	RWS100B24	94	108	39	N	N	
SWS1003	96	188	45	LS1003.3	97	157	38	N	N	
SWS1005	96	188	45	RWS100B5	94	108	39	N	N	
SWS15012	99	198	51	RWS150B12	94	128	41	N	N	
SWS15012/CO2	99	198	51	RWS150B12/CO2	94	128	41	N	N	
SWS15015	99	198	51	LS20015/L	98	199	41	N	N	
SWS15015/CO2	99	198	51	LS15015/CO2	98	199	38	N	N	115/230VAC switch select. MOQs may apply
SWS15024	99	198	51	RWS150B24	94	128	41	N	N	
SWS15024/CO2	99	198	51	RWS150B24/CO2	94	128	41	N	N	
SWS1503	99	198	51	LS2003.3/L	98	199	41	N	N	
SWS1503/CO2	99	198	51	LS1503.3/CO2	98	199	38	N	N	115/230VAC switch select. MOQs may apply
SWS1505	99	198	51	RWS150B5	94	128	41	N	N	
SWS1505/CO2	99	198	51	RWS150B5/CO2	94	128	41	N	N	
SWS30012	102	198	52	RWS300B12	102	170	41	N	N	
SWS30012/CO2	102	198	52	RWS300B12/CO2	102	170	41	N	N	
SWS30015	102	198	52	RWS300B15	102	170	41	N	N	
SWS30015/CO2	102	198	52	RWS300B15/CO2	102	170	41	N	N	
SWS30024	102	198	52	RWS300B24	102	170	41	N	N	
SWS30024/CO2	102	198	52	RWS300B24/CO2	102	170	41	N	N	
SWS3003	102	198	52	CUS250LD3	102	198	30	N	N	CUS rated at 50A
SWS3003/CO2	102	198	52	CUS250LD3	102	198	30	N	N	CUS rated at 50A
SWS30036	102	198	52	RWS300B36	102	170	41	N	N	
SWS30036/CO2	102	198	52	RWS300B36/CO2	102	170	41	N	N	
SWS30048	102	198	52	RWS300B48	102	170	41	N	N	
SWS30048/CO2	102	198	52	RWS300B48/CO2	102	170	41	N	N	
SWS3005	102	198	52	RWS300B5	102	170	41	N	N	
SWS3005/CO2	102	198	52	RWS300B5/CO2	102	170	41	N	N	
SWS300A12	102	198	52	RWS300B12	102	170	41	N	N	
SWS300A12/CO2	102	198	52	RWS300B12/CO2	102	170	41	N	N	
SWS300A15	102	198	52	RWS300B15	102	170	41	N	N	
SWS300A15/CO2	102	198	52	RWS300B15/CO2	102	170	41	N	N	
SWS300A24	102	198	52	RWS300B24	102	170	41	N	N	
SWS300A24/CO2	102	198	52	RWS300B24/CO2	102	170	41	N	N	
SWS300A28	102	198	52	RWS300B24	102	170	41	N	N	RWS300B24 will adjust to 27.6V
SWS300A28/CO2	102	198	52	RWS300B24/CO2	102	170	41	N	N	RWS300B24 will adjust to 27.6V
SWS300A3	102	198	52	None	102	198	30	N	N	CUS rated at 50A
SWS300A3/CO2	102	198	52	None	102	198	30	N	N	CUS rated at 50A
SWS300A36	102	198	52	RWS300B36	102	170	41	N	N	
SWS300A36/CO2	102	198	52	RWS300B36/CO2	102	170	41	N	N	
SWS300A4	102	198	52	CUS250LD4	102	198	30	N	N	
SWS300A4/CO2	102	198	52	None	102	198	30	N	N	
SWS300A48	102	198	52	RWS300B48	102	170	41	N	N	
SWS300A48/CO2	102	198	52	RWS300B48/CO2	102	170	41	N	N	
SWS300A5	102	198	52	RWS300B5	102	170	41	N	N	
SWS300A5/CO2	102	198	52	RWS300B5/CO2	102	170	41	N	N	
SWS300A7R5	102	198	52	None	102	170	41	N	N	
SWS300A7R5/CO2	102	198	52	None	102	170	41	N	N	
SWS5012	92	159	37	RWS50B12	82	81.5	34	N	N	
SWS5015	92	159	37	LS5015	97	99	38	N	N	
SWS5024	92	159	37	RWS50B24	82	81.5	34	N	N	
SWS503	92	159	37	LS503.3	97	99	38	N	N	
SWS505	92	159	37	RWS50B5	82	81.5	34	N	N	
SWS60012	120	190	92	RWS600B12	120	190	61	N	N	
SWS60012/CO2	120	190	92	RWS600B12/CO2	120	190	61	N	N	
SWS60015	120	190	92	RWS600B15	120	190	61	N	N	
SWS60015/CO2	120	190	92	RWS600B15/CO2	120	190	61	N	N	
SWS60024	120	190	92	RWS600B24	120	190	61	N	N	
SWS60024/CO2	120	190	92	RWS600B24/CO2	120	190	61	N	N	
SWS6003	120	190	92	SWS600L3	120	190	61	N	N	
SWS6003/CO2	120	190	92	SWS600L3/CO2	120	190	61	N	N	
SWS60036	120	190	92	RWS600B36	120	190	61	N	N	
SWS60036/CO2	120	190	92	RWS600B36/CO2	120	190	61	N	N	
SWS60048	120	190	92	RWS600B48	120	190	61	N	N	

SWS60048/CO2	120	190	92	RWS600B48/CO2	120	190	61	N	N	
SWS6005	120	190	92	RWS600B5	120	190	61	N	N	
SWS6005/CO2	120	190	92	RWS600B5/CO2	120	190	61	N	N	
SWS7512	94	170	43	RWS100B12	94	108	39	N	N	
SWS7515	94	170	43	LS7515	98	129	38	N	N	
SWS7524	94	170	43	RWS100B24	94	108	39	N	N	
SWS753	94	170	43	RWS100B48	94	108	39	N	N	
SWS755	94	170	43	RWS100B5	94	108	39	N	N	
EOL Model number				Replacement model				Pin compatibility	Function compatibility	Notes
PH50S243.3				IQE24030A033V007R				N	N	*Output 100W、 No baseplate, needs fan cooling
PH50S245				CN50A245				N	Y	
PH50S2412				CN50A2412				N	Y	
PH50S2415				PXF6024S15				N	N	
PH50S2424				CN50A2424				N	Y	
PH50S2428				PAH300S2428				N	Y	
PH50S483.3				PAH50S483.3				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH50S485				PAH50S485				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH50S4812				PAH50S4812				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH50S4815				PAH50S4815				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH50S4824				PAH50S4824				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH50S4828				PAH50S4828				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH50S1105				CN50A1105				N	Y	
PH50S11012				CN50A11012				N	Y	
PH50S11015				CN50A11015				N	Y	
PH50S11024				CN50A11024				N	Y	
PH50S11028				None						
PH50S2803.3				PH75A2803.3				N	Y	
PH50S2805				PH50A2805				N	Y	
PH50S28012				PH50A28012				N	Y	
PH50S28015				PH75A28015				N	Y	
PH50S28024				PH50A28024				N	Y	
PH50S28028				PH75A28028				N	Y	
PH75S483.3				PAH75S483.3				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH75S485				PAH75S485				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH75S4812				PAH75S4812				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH75S4815				PAH75S4815				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH75S4824				PAH75S4824				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH75S4828				PAH75S4828				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH75S11012				CN100A11012				N	Y	
PH75S11015				CN100A11015				N	Y	
PH75S11024				CN100A11024				N	Y	
PH75S11028				None						
PH75S2803.3				PH75A2803.3				N	Y	
PH75S2805				PH75A2805				N	Y	
PH75S28012				PH75A28012				N	Y	
PH75S28015				PH75A28015				N	Y	
PH75S28024				PH75A28024				N	Y	
PH75S28028				PH75A28028				N	Y	
PH100S483.3				PAH100S483.3				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH100S485				PAH100S485				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH100S4812				PAH100S4812				N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC

PH100S4815		PAH100S4815		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH100S4824		PAH100S4824		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH100S4828		PAH100S4828		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH100S2803.3		PH100A2803.3		N	Y	
PH100S2805		PH100A2805		N	Y	
PH100S28012		PH100A28012		N	Y	
PH100S28015		PH150A28015		N	Y	
PH100S28024		PH100A28024		N	Y	
PH100S28028		PH150A28028		N	Y	
PH150S483.3		PAH150S483.3		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH150S485		PAH150S485		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH150S4812		PAH150S4812		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH150S4815		PAH150S4815		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH150S4824		PAH150S4824		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH150S4828		PAH150S4828		N	N	Withstand voltage InputOutput. 3KVAC=>1.5KVAC
PH150S1105		CN200A1105		N	Y	
PH150S11012		CN200A11012		N	Y	
PH150S11015		CN200A11015		N	Y	
PH150S11024		CN200A11024		N	Y	
PH150S11028		None				
PH150S2803.3		None				
PH150S2805		PH100A2805		N	Y	PH100A2805 below 20A output
PH150S28012		PH150A28012		N	Y	
PH150S28015		PH150A28015		N	Y	
PH150S28024		PH150A28024		N	Y	
PH150S28028		PH150A28028		N	Y	
PH600S2803.3		None				
PH600S2805		None				
PH600S28012		PAF600F28012		N	Y	
PH600S28015		None				
PH600S28024		PAF600F28024		N	Y	
PH600S28028		PAF600F28028		N	Y	
PH600S28048		PAF600F28048		N	Y	
PH75F48-2		PAH75S48-2.5		X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH75F48-3		PAH75S48-3.3		X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH75F48-5		PAH75S48-5		X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH75F48-12		PAH75S48-12		X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH75F48-15		PAH75S48-15		X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH75F48-24		PAH75S48-24		X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH75F48-28		PAH75S48-28		X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH75F110-2		None		-	-	
PH75F110-3		None		-	-	
PH75F110-5		CN100A110-5		X	X	Parallel operation not supported
PH75F110-12		CN100A110-12		X	X	Parallel operation not supported
PH75F110-15		CN100A110-15		X	X	Parallel operation not supported
PH75F110-24		CN100A110-24		X	X	Parallel operation not supported
PH75F110-28		None		X	X	
PH75F280-3		None		-	-	
PH75F280-5		PH75A280-5		X	X	
PH75F280-12		PH75A280-12		X	X	
PH75F280-15		None		-	-	
PH75F280-24		PH75A280-24		X	X	
PH75F280-28		None		X	X	

PH100F24-2		None	-	-	
PH100F24-3		None	-	-	
PH100F24-5		CN100A24-5	X	X	
PH100F24-12		CN100A24-12	X	X	
PH100F24-15		None	-	-	
PH100F24-24		CN100A24-24	X	X	
PH100F24-28		None	-	-	
PH150F48-2		PAH150S48-2.5	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH150F48-3		PAH150S48-3.3	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH150F48-5		PAH150S48-5	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH150F48-12		PAH150S48-12	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH150F48-15		PAH150S48-15	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH150F48-24		PAH150S48-24	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH150F48-28		PAH150S48-28	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH150F110-2		None	-	-	
PH150F110-3		None	-	-	
PH150F110-5		CN200A110-5	X	o	
PH150F110-12		CN200A110-12	X	o	
PH150F110-15		CN200A110-15	X	o	
PH150F110-24		CN200A110-24	X	o	
PH150F110-28		None	-	-	
PH150F280-2		None	-	-	
PH150F280-3		None	-	-	
PH150F280-5		PH100A280	X	X	*Possible to replace by PH100A280-5 below 20A output
PH150F280-12		PH150A280-12	X	X	
PH150F280-15		PH150A280-15	X	X	
PH150F280-24		PH150A280-24	X	X	
PH150F280-28		PH150A280-28	X	X	
PH300F24-12		PAH300S24-12	X	X	Parallel operation not supported
PH300F24-28		PAH300S24-28	X	X	Parallel operation not supported
PH300F48-2		PAH200H48-2R5	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH300F48-3		PAF500F48-3R3	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH300F48-5		PAF500F48-5	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH300F48-12		PAF500F48-12	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH300F48-15		PAH200S48-15	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC, and Current-output 20A=>13A
PH300F48-24		PAF500F48-28	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH300F48-28		PAF500F48-28	X	X	Withstand voltage Input-Output. 3KVAC=>1.5KVAC
PH300F110-2		None	-	-	
PH300F110-3		None	-	-	
PH300F110-5		CN200A1105	X	X	Possible to replace by CN200A110-5 below 40A output
PH300F110-12		CN200A110-12	X	X	Possible to replace by CN200A110-12 below 16.7A output
PH300F110-15		CN200A110-15	X	X	Possible to replace by CN200A110-15 below 13.4A output
PH300F110-24		CN200A110-24	X	X	Possible to replace by CN200A110-24 below 8.4A output
PH300F110-28		None	-	-	