

Features

- Full brick, metal case box Type package
- Output power is 750W, 800W, 1000W
- Output voltage options: 12V, 24V, 28V, 30V, 48V, 56V
- Universal AC input voltage range
- Built-in active PFC function
- High efficiency up to 92.5%
- 4242Vdc and reinforce isolation
- Digital communication interface with PMBus
- Meet IEC 60950-1&IEC/UL/EN 62368-1
- Compliance with the EU RoHS directive 2011/65/EU and (EU)2015/863



General Specifications

Parameter	Specifications
Input voltage Range	85-288VAC
Input Frequency	45-66Hz
PF	>0.95
Hold-up Time	>20ms
Protections	IUVP, OVP, OCP, OTP, Short Circuit

Parameter	Specifications
MTBF	>1,200,000 hrs as per Telcordia SR-332, Issue 4
Operating Temperature	Refer to the order-information list
Isolation Voltage	I/P-O/P: 4242VDC
EMC	CE
	RE
Surge	IEC61000-4-5

Order Information

Model Number	Input Voltage	Output Voltage/ Output Current	Output Power	Efficiency	Physical Dimensions (L x W x H)	Baseplate Temperature
LAK750-220S12W	85-288VAC	12Vdc/62.5A	750W	91.5%	116.8x61.0x13.3mm	-40℃~+100℃
LAK800-220S24W	85-288VAC	24Vdc/33.3A	800W	92%	116.8x61.0x13.3mm	-40℃~+100℃
LAK800-220S28W	85-288VAC	28Vdc/28.57A	800W	92%	116.8x61.0x13.3mm	-40℃~+100℃
LAK800-220S30W	85-288VAC	30Vdc/26.7A	800W	92%	116.8x61.0x13.3mm	-40℃~+100℃
LAK800-220S48W	85-288VAC	48Vdc/16.7A	800W	92%	116.8x61.0x13.3mm	-40℃~+100℃
LAK800-220S56W	85-288VAC	56Vdc/14.3A	800W	92%	116.8x61.0x13.3mm	-40℃~+100℃
LAK1000-220S12W	85-285VAC	12Vdc/83.3A	1000W	92%	116.8x61.0x13.3mm	-40℃~+100℃
LAK1000-220S24W	85-285VAC	24Vdc/41.7	1000W	92.5%	116.8x61.0x13.3mm	-40℃~+100℃
LAK1000-220S28W	85-285VAC	28Vdc/35.7A	1000W	92.5%	116.8x61.0x13.3mm	-40℃~+100℃
LAK1000-220S48W	85-285VAC	48Vdc/20.85A	1000W	92.5%	116.8x61.0x13.3mm	-40℃~+100℃

Note: All information contained in this catalog is subject to change without notice, please visit our official website www.suplet.com or contact our sales for the latest information.