

Features

- Flexible BMP module application
- Up to 42A output current
- High efficiency up to 93%
- Low output ripple and noise
- Excellent thermal performance
- Adjustable output voltage(-10%~+10%Vo)
- IUVP, OVP, OTP, OCP, SCP
- RoHS10 EU



General Specifications

Input Characteristics

Parameter	Specifications
Input voltage	85Vac~288Vac
Remote Control	NO

General Characteristics

Parameter	Specifications
Efficiency	93% (max)
Operating ambient temperature	-40℃~+100℃
Storage temperature	-55℃~+125℃
Isolation voltage	4000Vdc
Isolation resistance	100MΩ (min.)
Safety	IEC 62368-1 / EN 62368-1 UL 62368-1GB4943
MTBF	1Mhours min. Telcordia SR332 Issue 3, 40℃
Packaging	Through-Hole

Output Characteristic

Parameter	Specifications
Output power	60-500W
Output voltage	12/36VDC
Output voltage precision	±2%Vo
Line regulation	±2%
Load regulation	±2%
Turn-on Rise Time	Less than 1ms
Ripple and noise	300mV(max.)

Protection Characteristic

Parameter	Specifications
Input under voltage protection	Yes
Output over voltage protection	Hiccup mode Automatic recovery
Over current protection	Hiccup mode Automatic recovery
Short circuit protection	Hiccup mode Automatic recovery
Over temperature protection	Hiccup mode Automatic recovery

Order information

MPN	Input voltage	Output voltage (Vdc)	Output current (A)	Power (W)	Efficiency	Physical Dimensions
LAS60-36CN-THT	90~264Vac 122~370Vdc	36	1.67	60	88%	109*58.5*30mm
LAK500-220S12W	85~288Vac	12	42	500	93%	110.8*50.8*13.7mm

Note: All information contained in this datasheet is subject to change without notice, please visit our official website www.suplet.com for the latest information and refer to the user manual for more details.