



Features:

- Pure sine wave output
- High efficiency
- Overload protection
- Temperature protection
- Short circuit protection
- High- and low voltage protection
- LED Alarm and Automatic Recovery
- 5V USB connector (36-48V model excluded)

Specifications

	LY300-DA12	LY300-DA24	LY300-DA36	LY300-DA48
Input DC voltage	12V	24V	36V	48V
DC voltage range	10 – 15.5V	20 – 31V	30 – 50V	40 – 61V
Low voltage alarm	10.5V ±0.5V	21V ±0.5V	32V ±0.7V	42V ±0.8V
Low voltage shutdown	10V ±0.5V	20V ±0.5V	30V ±0.7V	40V ±0.8V
Over voltage shutdown	15.5V ±0.5V	31V ±0.5V	50V ±0.7V	61V ±0.8V
Recovery voltage	13V ±0.5V	24V ±0.5V	36V ±0.7V	48V ±0.8V
No load current	<300mA	<200mA	<200mA	<200mA
Output AC voltage	230VAC ±5% (115VAC output possible on request)			
AC Regulation	THD<3% (Linear Load)			
Wave form	Pure Sine Wave			
Frequency	50Hz ±0.5Hz (60Hz possible on request)			
Efficiency	90%			
Continuous power	300W			
Surge power	600W			
Start	Soft-start			
USB port	5V – 1A (power supply only, no communication)		Not available for 36V & 48V model	
Cooling	Intelligent Cooling Fan			
Protection	Low Voltage/Over Voltage	Alarm at first, when voltage continues to reduce: LED Red light on & shut down		
	Over Voltage	LED Red light on, shut down		
	Over Load	LED Red light on, shut down		
	Over Temperature	Alarm at first, when temperature continues to rise: LED Red light on & shut down		
	Short Circuit	LED Red light on		
	Input reverse polarity	Internal fuse burn-out		
Working temp.	-10°C - +50°C			
Certification	EN55014-1:2006+A1:2009+A2:2011 EN55014-2:1997+A1:2001+A2:2008 EN61000-3-2:2014 EN6100-3-3:2013 EN62109-2:2011 EN62109-1*2010			
Dimensions	225 x 150 x 80 mm			