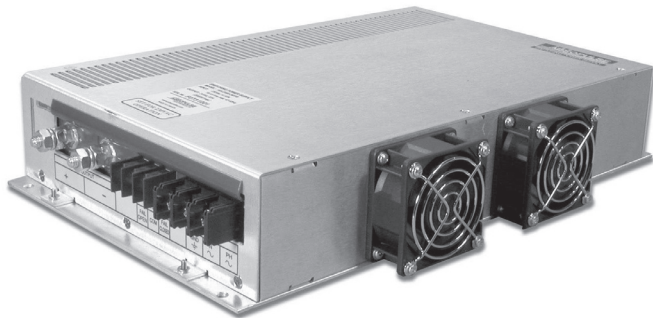


# HBL1K5/2KF SERIES

AC/DC Single Output: 1500 - 2000 Watts



## General Specifications

<b>Input Voltage:</b>	230VAC $\pm$ 15%
<b>Input Protection:</b>	Inrush current limiting & input fuse
<b>Isolation:</b>	Input - Output 4300VDC
<b>Efficiency:</b>	Model dependent, typically 80%
<b>Output Voltage:</b>	See tables
<b>Output Power:</b>	1500 - 2000 watts
<b>Voltage Adjustment:</b>	$\pm$ 10% (other options on request)
<b>Regulation:</b>	Line: $\pm$ 1%. Load $\pm$ 2%
<b>Output Protection:</b>	Over voltage protection Current limiting with short circuit protection. Thermal shutdown
<b>EMI:</b>	EN55022 Class A
<b>Immunity:</b>	EN61000-4
<b>Operating Temp:</b>	0°C to +50°C at full load
<b>Cooling:</b>	Fan cooled
<b>Dimensions/Weight:</b>	FF6: 350 x 236 x 66mm 3.6Kg (includes flanges and terminals)

Model	Output		Power W
	V	A	
HBL1K5-24-FT	24V	62A	1500W
HBL1K5F-28-FT	28V	53A	
HBL1K5F-36-FT	36V	41A	
HBL1K5F-48-FT	48V	31A	
HBL1K5F-56-FT	56V	27A	
HBL1K5F-125-FT	125V	12A	
HBL2KF-24-FT	24V	83A	2000W
HBL2KF-28-FT	28V	71A	
HBL2KF-36-FT	36V	55A	
HBL2KF-48-FT	48V	42A	
HBL2KF-56-FT	56V	36A	
HBL2KF-125-FT	125V	16A	

- Any output voltage 24 - 125V is possible
- Final part number will be factory allocated

## Features

- Industrial grade product
- Output power: 1500W/2000W
- Input - output fully isolated
- Regulated output
- Overload and overvoltage protection
- **N+1** redundancy option
- Any output from 24 - 125VDC possible
- Suitable for a wide range of industrial applications
- EMC EN55022 Class A
- Battery charging options

## Description

The **HBL1K5** and **HBL2KF** series AC/DC power supply is an Industrial Grade product, specially designed for a wide range of industrial applications in two power levels: 1500W and 2000W.

Also suitable for **N+1** redundancy applications with optional isolation diode and, for use as a combined Power Supply and Battery Charger, for battery back-up applications.

Any output voltage from 24 - 125V is possible and units can be totally customised to customer specifications.

## Options

- Alarm:** Voltage Free Relay contacts for monitoring DC output
- Output Voltage:** Special output voltage options
- Parallel Option:** **N+1** Redundancy/Parallel operation of two or more units

