

BALLUFF

sensors worldwide

Power Supplies

Supplying power for your industrial applications

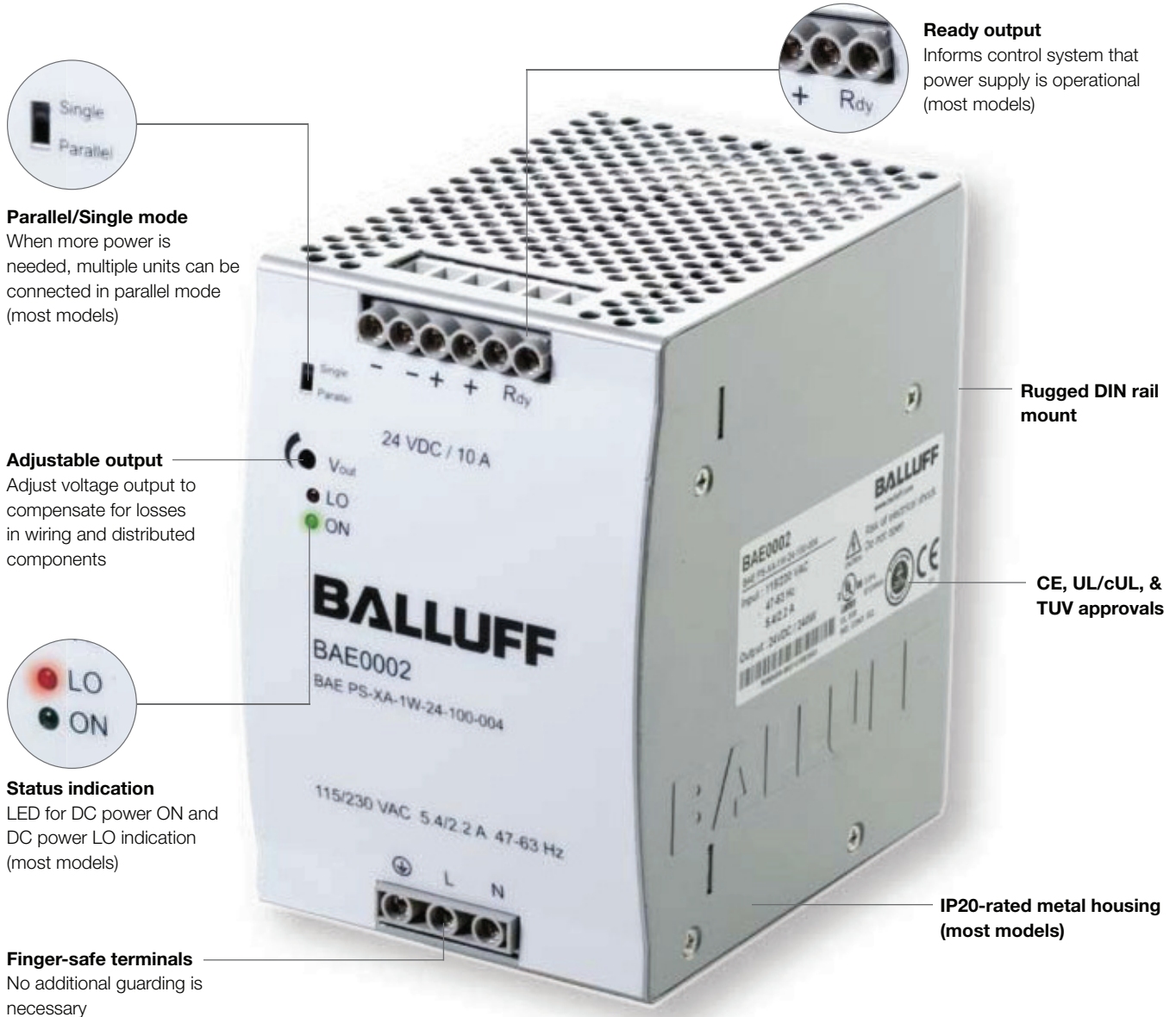


Balluff PS Power Supply Series

Reliable power for demanding industrial automation systems

All industrial automation systems need reliable power – power that is clean, spike-free, and controlled to provide the amount of power required by the system. Balluff has a long tradition of producing reliable quality automation control products. This tradition continues with this new line of power supplies. They add another piece to Balluff's total control solution, from standard inductive and photoelectric sensors and connectivity, to RFID and industrial network solutions, including our new line of I/O modules for Profibus, DeviceNet, and EtherNet I/P networks.

- **Ultra reliable Power Supplies**
Protects sensitive control electronics
- **Protects against unforeseen events**
Built-in advanced overload and overvoltage protection
- **Complete range of models to choose from**
One single model or a combination of models will meet your needs exactly
- **Clean, accurate power for the most demanding equipment**
Load regulation to +/- 1% on all models, ripple/noise less than 50mV on most models
- **Long life for less system unplanned downtime**
MTBF (mean time between failure) of over 210,000 hours/24 years while operating at published specifications for the duration



Power Supply Selection guide

Output Power (24 V DC)							Features			Part Information			
750 mA / 18 W	1.25 A / 30 W	2.5 A / 60 W	5 A / 120 W	10 A / 240 W	20 A / 480 W	40 A / 960 W	Input Voltage	Housing Material	Parallel Switch Mode	Ready Output	Ordering Code	Part Number	Page Number
■							Single phase ¹	Plastic			BAE0001	BAE-PS-XA-1W-24-007-001	4
	■						Single phase ¹	Plastic		■	BAE0004	BAE-PS-XA-1W-24-012-002	5
		■					Single phase ¹	Plastic		■	BAE0005	BAE-PS-XA-1W-24-025-002	5
			■				Single phase ²	Metal	■	■	BAE0006	BAE-PS-XA-1W-24-050-003	6
				■			Three phase ³	Metal		■	BAE0007	BAE-PS-XA-3Y-24-050-009	8
					■		Single phase ²	Metal	■	■	BAE0002	BAE-PS-XA-1W-24-100-004	7
						■	Three phase ³	Metal	■	■	BAE0008	BAE-PS-XA-3Y-24-100-006	9
							Single phase ²	Metal	■	■	BAE0003	BAE-PS-XA-1W-24-200-005	7
							Three phase ³	Metal	■	■	BAE0009	BAE-PS-XA-3Y-24-200-007	9
						■	Three phase ³	Metal			BAE000A	BAE-PS-XA-3Y-24-400-008	10

¹ = 100...240 V AC

² = 115/230 V AC (auto select)

³ = 340...575 V AC



Control and Network Power

These power supplies were designed by Balluff with control products in mind, so you can be sure they will integrate perfectly with your control suite.

The PS Series of ultra reliable power supplies come in a wide range of 24 V DC models with single or 3-phase inputs. With current ranges from 0.75 A (18 W) to 40 A (960 W), there is a size for most applications. But if more power is needed, connect multiple power supplies together (parallel mode) for additive current capacity.



Seamless Installation

Reliable power has never been this easy to install. It starts with convenient DIN mounting with Balluff's heavy-duty, built-in mounting system. Screw terminals are oriented to allow AC power to enter from the bottom and DC power to exit from the top. Finger-safe terminals require no additional guarding.