

# Powering Artificial Intelligence

## Power supplies for GPUs

Flex's power shelf for the NVIDIA GB300 NVL72 is a comprehensive solution for demanding GPUs. It provides DC power to all payloads inside a rack and consists of 6 PSUs with a max output power of 33kw.

### Main features

- Up to six 5.5kW PSUs
- High efficiency up to 97.5% (peak)
- 50V output
- Single/dual AC feed possible
- PSC with Redfish communication
- Possibility to customized on request
- Industry standard footprint

### Applications

- AI servers
- Hyperscale Cloud Services

### Dimensions (H x W x L)

43.6 x 465 x 718.5 mm / 1.73 x 18.3 x 30.1 in

Part number	Flex power shelf for NVIDIA GB300 NVL72
Output power max.	33kW
Output voltage	50V
Output current	670A
Input voltage range	AC input: 200-277VL-N 346-480V 200-240VAC (3W+PE) L-L (3 W+N+PE) 50/60Hz
Cooling	Cooling by PSU fans
Input connectors	BIZLINK: 747-G3 07I2A1BNB3L070601 BIZLINK: 747-G3-07I2A1BNB3R070601 Amphenol: 1017362707P001 (JH1) (JH2) Amphenol: 10173750-1RF001LF
Output connectors	BIZLINK: BzLisa360S AMPHENOL: BK1000-HD
Safety	IEC62638-1(CB) UL62638-1(UL)
EMC Standards	Class A
Communication	RJ45 Port: 1000Base-T/100Base-TX/10Base-T Ethernet with PoE PD



1RU power shelf



Bus bar clip



PSC Module



5500W PSU

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