ORTEC

ORTEC 4002E

NIM bin power supply

Regulated power supply for NIM bins. Rated rail currents may be combined within the specified total DC power limit.



Maximum total DC output power	utputs and maximum current per rail	Mains frequency
300 W; 0–50°C [1]	**±6 V: 12 A; ±12 V: 4 A; ±24 V: 2 A** [1]	**47–63 Hz** [1]

Specifications

Maximum total DC output power	300 W; 0–50°C	[1]
utputs and maximum current per rail	±6 V: 12 A; ±12 V: 4 A; ±24 V: 2 A	[1]
Mains frequency	47–63 Hz	[1]
Nominal mains voltage	100 / 115 / 200 / 220 V AC	[1]
Noise and ripple	<3 mV peak-to-peak, observed on a 50 MHz bandwidth oscilloscope	[1]
Temperature coefficient	<0.02%/°C; 0–60°C	[1]
Compatible bin	4001A (Rev. F or later) or 4001C (Rev. H or later), 4001C strongly recommended; not included with separate power supply	[1]
verload protection	Current foldback limiting and thermal shutdown	[1]

Sources

[1] **4002E BLACK MAX Power Supply for NIM Bins**
RTEC (AMETEK) · datasheet · p. 1, Specifications – DC Outputs; p. 1, Specifications – DC Outputs (table); p. 1, Specifications – Input · checked 2026-10-16
https://edge.sitecorecloud.io/ametekinc1236b-ametekb19a-productiondcfa-1d17/media/Project/Ametek/ortec-onlin...

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.