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Data Sheet

August 15, 2026

INTEL / WIND RIVER / EST

Intel / Wind River / EST PUP55-23-M5 VisionICE / VisionICE II Power Supply

The Intel/Wind River/EST PUP55-23-M5 VisionICE/VisionICE II Power Supply is a reliable power solution for VisionICE and VisionICE II emulation systems. It delivers stable and efficient power to ensure optimal performance during development and testing. Designed for seamless integration, it provides the necessary power to support debugging and validation tasks.

**MODEL****Intel / Wind River /
EST PUP55-23-M5****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****PUP55-23-M5****LISTING**<https://aumictechlabs.com/products/pup55-23-m5-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The PUP55-23-M5 is an AC/DC switching power supply engineered to deliver stable, efficient power to Intel/Wind River/EST VisionICE and VisionICE II emulation systems. Operating from 85 to 264 VAC at 47 to 63 Hz, this compact unit produces 40 to 55 watts of continuous output power with 70% minimum efficiency on single outputs $\geq 10V$. Built in a 94V-1 rated polyphenylene-oxide enclosure with worldwide IEC 320 AC input, the supply incorporates active overvoltage and overcurrent protection, achieving 450,000 hours minimum MTBF at full load. Technical Specifications Model: PUP55-23-M5 (PUP55 series) Type: AC/DC Switching Power Supply Continuous Output: 40 to 55 watts Input: 85 to 264 VAC, 47 to 63 Hz Input Current: 1.50 A (rms) @ 115 VAC; 0.90 A (rms) @ 230 VAC Switching Frequency: 40 kHz ± 5 kHz Line Regulation: $\pm 0.5\%$

maximum at full load Ripple and Noise: 1% peak to peak maximum Hold-up Time: 10 msec minimum @ 110 VAC Inrush Current: 15 A @ 115 VAC or 30 A @ 230 VAC (25°C cold start) Leakage Current: 0.35 mA max @ 115 VAC, 60 Hz; 0.63 mA max @ 230 VAC, 50 Hz Withstand Voltage: 3000 VAC (input to output) Temperature Coefficient: $\pm 0.04\%/^{\circ}\text{C}$ maximum on all outputs Transient Response: $\leq 4\%$ excursion, recovery to 1% final value within 500 μs at 25% load step Key Features Overvoltage protection on output #1 (112–132% nominal) Short-circuit protection on all outputs Operating range: 0°C to +70°C with linear derating from 100% at +50°C to 50% at +70°C Storage: -40°C to +85°C Relative humidity: 5% to 95% non-condensing MTBF: 450,000 hours minimum at full load Typical Applications Designed specifically for Intel/Wind River/EST in-circuit emulation platforms requiring stable auxiliary power with high reliability and low electromagnetic emissions. Compatibility & Integration Direct compatibility with VisionICE and VisionICE II emulation systems. Meets CISPR 22, FCC class B, EN55024, UL, CSA, IEC, and CE safety and emissions standards.

PUP5523M5 Characteristics / Specifications

PARAMETER	VALUE
Model	PUP55-23-M5
Base Model	PUP55-23
Instrument Type	desktop AC/DC adapter
Output Power	45 W maximum
Rail Five	+5 V, Imin 1 A, Imax 5 A
Rail Twelve	+12 V, Imin 0.5 A, Imax 3.0 A
Operate Temperature	0 C to 70 C (PUP55-23)
Input Voltage	100 to 240 Vac (PUP55-23-M5 listings)
Inlet	IEC C14
Output Connector	5-pin DIN, P2 = 5 V, P1 = 12 V
Host Kit	EST VisionICE / VisionICE II, part 73-13008-02
Host System	Intel / Wind River / EST VisionICE PowerPC emulator
Manufacturer	International Power / IPSI (EST kit supply)
Literature	PUP55-23 datasheet; EST VisionICE kit listing 73-13008-02; PUP55-23-M5 adapter listings
Family	PUP55 desktop adapters
Form Factor	desktop external supply
System Role	VisionICE / VisionICE II bulk power
Application Class	PowerPC emulator power
Brand Lineage	EST International Power Intel Wind River
Queue Title	Intel / Wind River / EST PUP55-23-M5 VisionICE / VisionICE II Power Supply
Sibling Fifteen	PUP55-24 is +5 V/5 A and +15 V/2.5 A (not this SKU)
Documentation Type	OEM PUP55-23 datasheet plus M5 kit identity
Use Case	replaceable VisionICE desktop PSU
Vendor Path	EST / International Power

PARAMETER	VALUE
Watt Class	45 W
Pin Class	5-pin DIN
Mains Class	universal 100 to 240 Vac

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Literature	PUP55-23 datasheet; EST VisionICE kit listing 73-13008-02; PUP55-23-M5 adapter listings
Family	PUP55 desktop adapters
Form Factor	desktop external supply
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Vendor Path	EST / International Power
Watt Class	45 W

PARAMETER	VALUE
Pin Class	5-pin DIN
Mains Class	universal 100 to 240 Vac

Notes

From PUP55-23 datasheet (45 W, +5 V 1 to 5 A, +12 V 0.5 to 3 A, 0 to 70 C) and PUP55-23-M5/VisionICE kit listings (C14, 5-pin DIN, 100 to 240 Vac, 73-13008-02). Do not copy PUP55-24 15 V rails onto M5.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.