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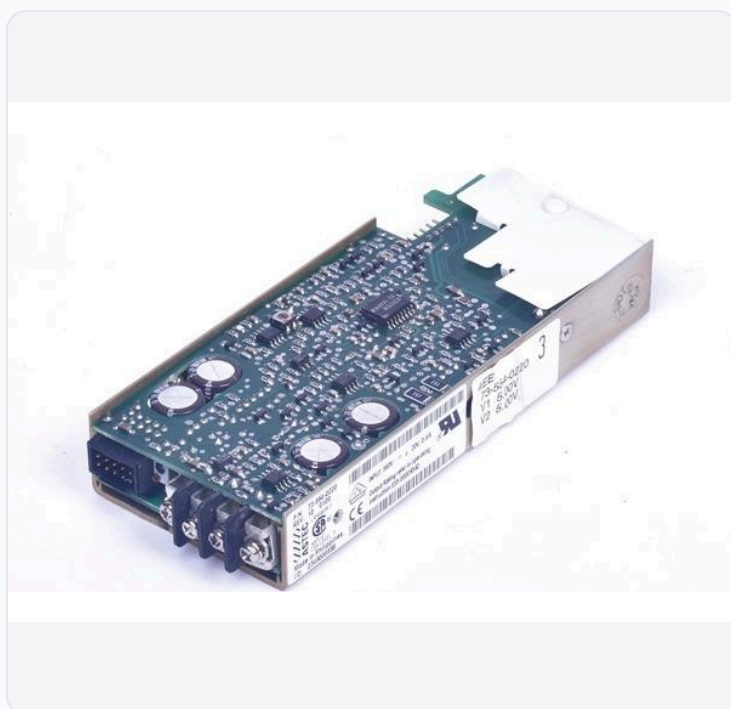
Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec 73-554-0220 Power Supply Module

Emerson / Artesyn / Astec Power Supply Modules. Voltage: 380V / 20V, Current: 0.6A (20V output), Voltage: 85 to 264 VAC (typical iMP series specification).

**MODEL****Emerson / Artesyn
/ Astec 73-554-
0220****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****73-554-0220****LISTING**[https://aumictechlabs.c
om/products/73-554-0
220-2/](https://aumictechlabs.com/products/73-554-0220-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson/Artesyn/Astec 73-554-0220 is a DC-DC power supply module engineered for industrial, telecommunications, and demanding field environments. Part of the MVP Series product family, this open-frame module delivers dual outputs (380V / 20V at 0.6A) with 144W total power capacity and comprehensive protection across all outputs. Technical Specifications Electrical Performance Output voltage: 380V / 20V Output current: 0.6A (20V output) Total power: 144W Input voltage: 85 to 264 VAC (typical iMP series specification) Product type: DC-DC power supply module Output Control & Monitoring Overload protection on all outputs Voltage adjustment available across all outputs Current share function on outputs rated 10A or greater Remote sense support for outputs exceeding 2A Margining capability on single output modules Input-OK-Signal and Status Indicator LED Key Features Open-frame construction for modular deployment

Configurable inhibit/enable and current limiting I2C communication interface (iMP series configurations) Multi-output architecture with independent protection Field-adjustable voltage regulation Typical Applications Industrial power distribution systems Telecommunications infrastructure Modular embedded power platforms Systems requiring configurable multi-voltage outputs Compatibility & Integration The 73-554-0220 integrates within the MVP and iMP intelligent DC-DC converter ecosystems. Multiple modules can be configured together to achieve customized output voltage and current combinations, enabling scalable power system design without redesign of primary conversion stages.

735540220 Characteristics / Specifications

PARAMETER	VALUE
Model	73-554-0220
Instrument Type	MP Series dual-output power module
Module Code	4EH
Output 1 Voltage	5 V
Output 1 Current	10 A
Output 2 Voltage	6 V
Output 2 Current	10 A
Module Power Class	144 W dual
Slot Width	1
Input Voltage Ac	85 to 264 VAC
Input Voltage Dc	120 to 350 VDC
Power Factor Typical	0.99 meets EN61000-3-2
Efficiency Typical	70 to 80 percent at full case load
Holdover Storage	20 ms minimum
Ac Ok Warning	greater than 5 ms before loss of regulation
Emi Filter	CISPR 22 EN55022 LevelBLEakage Current Standard: 2.0 mA maximum at 240 VAC
Turn On Time Ac	1.5 s typical
Inhibit Enable Delay	150 ms typical
Current Share Threshold	outputs rated 10 A or greater
Remote Sense Threshold	outputs rated greater than 2 A
Overload Protection	all outputs
Voltage Adjustment	all outputs
Input Ok	signal and status indicator LED
Manufacturer	Artesyn / Emerson / Astec

735540220 Specifications

PARAMETER	VALUE
Applications	MP configurable supplies needing dual 5 V/6 V high-current rails in one slot.
Key Features	Dual 5 V 10 A and 6 V 10 A
Current share at 10 A ratings	Remote sense above 2 A
Technical Specifications	Model: 73-554-0220

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	
Technical Specifications	
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Output 2 Voltage	6 V
Output 2 Current	10 A
Module Power Class	144 W dual
Slot Width	1
Input Voltage Ac	85 to 264 VAC
Input Voltage Dc	120 to 350 VDC
Power Factor Typical	0.99 meets EN61000-3-2
Efficiency Typical	70 to 80 percent at full case load
Holdover Storage	20 ms minimum
Ac Ok Warning	greater than 5 ms before loss of regulation
Emi Filter	CISPR 22 EN55022 Level B
Leakage Current Standard	2.0 mA maximum at 240 VAC
Turn On Time Ac	1.5 s typical
Inhibit Enable Delay	150 ms typical
Current Share Threshold	outputs rated 10 A or greater
Remote Sense Threshold	outputs rated greater than 2 A
Overload Protection	all outputs
Voltage Adjustment	all outputs
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Manufacturer	Artesyn / Emerson / Astec

Notes

Output voltages and currents from the 73-554-0220 configuration listing (4EH: 5 V at 10 A and 6 V at 10 A). Platform rows from the Artesyn MP Series datasheet. Isolation and harmonic-current class match the MP case sheet.

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.