

114M5330-01 Product Dashboard

Low-voltage DC rack supply

114M5330-01 is the exact 3500/15 low-voltage DC supply part number. Its designated companion is the 114M5335-01 rear low-voltage DC PIM; the 133292-01 / 133300-01 pair belongs to the legacy generation.

Four Documented Features

IDENTITY	INPUT	MOUNTING	REDUNDANCY
3500/15 low-voltage DC supply	20-30 Vdc through matching PIM	Dedicated left rack power position	One or two supplies; either can power full rack

System Relationship

DC SOURCE	REAR PIM	FRONT SUPPLY	3500 RACK
Approved 20-30 Vdc feed	114M5335-01 input interface	114M5330-01 conversion module	Backplane powers monitoring modules

Compatibility boundary

Current 3500/15 DC power supplies and PIMs are not compatible with the legacy DC generation. Match the exact module, PIM, input and approved rack drawing.

Related Products on Apter Power

Bently Nevada 114M5335-01

[View Bently Nevada 114M5335-01 page](#)

Ratings and Scope

Published Low-Voltage DC System Values

PARAMETER	PUBLISHED VALUE	SCOPE
Input voltage	20-30 Vdc	Complete supply/PIM input option.
Maximum input current	11.0 A	Fully loaded rack, not bare module draw.
Minimum load	None	3500/15 rack power system.
Operating temperature	-30 to +65 degrees C	3500/15 supply family.
Storage temperature	-40 to +85 degrees C	3500/15 supply family.
Humidity	95% non-condensing	3500/15 supply family.
Front indication	Supply OK LED	Module status indication.

Interpretation

The maximum-current number is a rack-level input requirement at the stated supply option. It must not be republished as individual module output current or actual rack consumption.

Related Products on Apter Power

Bently Nevada 114M5335-01	View Bently Nevada 114M5335-01 page
Bently Nevada 3500/05-01-02-00-00	View Bently Nevada 3500/05-01-02-00-00 page

Rack Integration and Applications

Power Arrangement

SITUATION	DOCUMENTED SYSTEM BEHAVIOR	RELEASE CHECK
One supply	One installed supply can power a full rack.	Confirm rack load and input arrangement.
Two supplies	Any approved AC/DC combination can be used.	Record the installed pair and PIMs.
Lower supply	Primary supply position.	Record its status.
Upper supply	Backup supply position.	Verify its ready state.
Exchange	One unit may be removed without disruption if the other is working.	Follow authorized isolation and maintenance procedure.

Machinery Protection Context

RACK SERVICE	WHY SUPPLY CONTINUITY MATTERS
Monitoring modules	Preserves the designed backplane power for configured measurements.
Protection outputs	Avoids unintended loss of the rack supporting approved protection functions.
Maintenance	Supports a controlled module replacement when a verified second supply remains available.

Related Products on Apter Power

Bently Nevada 3500/15 106M2686-00	View Bently Nevada 3500/15 106M2686-00 page
Bently Nevada 3500/15 127610-01	View Bently Nevada 3500/15 127610-01 page

Sources, Decisions and Contact

Release Decision Matrix

DECISION	EVIDENCE
Exact part	114M5330-01 marking and approved revision.
Matched PIM	114M5335-01 and its documented 20-30 Vdc input wiring.
Legacy distinction	Do not substitute 133292-01 or 133300-01 without engineering approval.
Rack state	Primary/backup arrangement and Supply OK indication verified.

Manufacturer source record

Bently Nevada 3500/15 AC and DC Power Supplies Datasheet, 141530 Rev. P. Exact spare-part listing and family specifications; consult the current manufacturer installation instructions for work authorization.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



114M5330-01