



Deploy in harsh environments with
a reliable ruggedized solution.

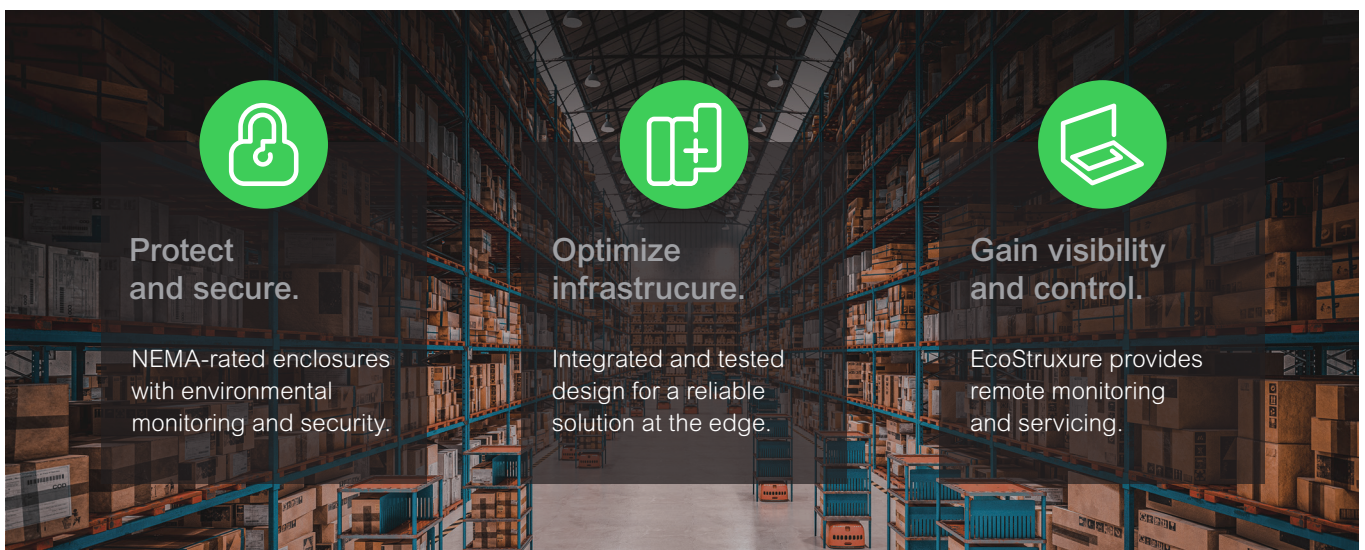
EcoStruxure™
Micro Data Center
R-Series



R-Series provides protection and control at the edge.

All-in-one micro data center solutions in NEMA 12 and NEMA 4 rated enclosures.

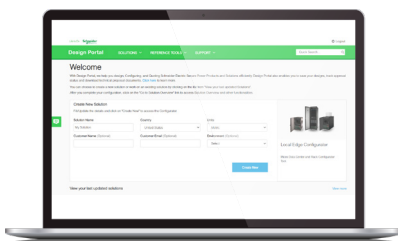
EcoStruxure Micro Data Center R-Series offers an all-in-one solution to protect and secure equipment in harsh commercial and industrial settings like warehouses and factories. These enclosures can be installed in harsh environments, featuring sealed designs that meet NEMA 12 and NEMA 4 standards. Optimize infrastructure with an integrated solution with a tested design for a reliable and efficient solution.



Protect and secure.
NEMA-rated enclosures with environmental monitoring and security.

Optimize infrastructure.
Integrated and tested design for a reliable solution at the edge.

Gain visibility and control.
EcoStruxure provides remote monitoring and servicing.



Configure a full solution using the IT Professional Edge Configurator tool to help design edge computing solutions featuring best-in-class infrastructure, management, services, and physical security options.

Learn more and access at itedgeconfigurator.se.com

Find and select compatible products in the configurator tool for an integrated design including reliable products from APC™ by Schneider Electric.



Smart-UPS Ultra

shown: SRTL3KRM1UNC

Li-Ion battery UPS models for more power protection in a smaller size.



Smart-UPS X

shown: SMX2200RMLV2U

Extended-run UPS models with convertible form for rack mount or tower.



NetShelter rPDU

shown: AP7800B

Rack PDU models that provide real-time remote monitoring of connected loads.

R-Series High Density NEMA 4

REGION AVAILABLE: **NAM**

Configurable solution.

Select the right enclosure with cooling and plinth options to deploy in harsh indoor or outdoor environments. Additional options available include UPS, PDU, lighting, monitoring, and more for an all-in-one solution at the edge.

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EcoStruxure Micro Data Center R-Series NEMA 4						
	Single Bay		Dual Bay		Triple Bay	
Enclosure	AR5333	AR5342	AR5333-2B	AR5342-2B	AR5333-3B	AR5342-3B
Height (in)	64.63	81.13	64.63	81.13	64.63	81.13
Width (in)	30	30	60	60	90	90
Depth (in)	45	45	45	45	45	45
Rack Space	33 RU	42 RU	66 RU	84 RU	99 RU	126 RU
Equipment Load	2000 lb		4000 lb		6000 lb	

Door/Side Mounted Cooler with Reheat	
ACSC5041	2k Btu/hr (0.4kW) 115 Volt, NEMA 4X
ACSC5042	2k Btu/hr (0.4kW) 230 Volt, NEMA 4
ACSC5141	4k Btu/hr (1.4kW) 115 Volt, NEMA 4
ACSC5142	4k Btu/hr (1.4kW) 230 Volt, NEMA 4
ACSC5231	8k Btu/hr (2.3kW) 115 Volt, NEMA 4
ACSC5232	8k Btu/hr (2.3kW) 230 Volt, NEMA 4
ACSC5351	12k Btu/hr (3.5kW) 115 Volt, NEMA 4
ACSC5352	12k Btu/hr (3.5kW) 230 Volt, NEMA 4
ACSC5592	20k Btu/hr (5.9kW) 230 Volt, NEMA 4
ACSC5354DC	12k Btu/hr (3.5kW) 48VDC Volt, NEMA 4

Plinth	
ARPB506	Single Bay 6" Plinth
ARPB512	Single Bay 12" Plinth
ARPB506-2B	Double Bay 6" Plinth
ARPB512-2B	Double Bay 12" Plinth
ARPB506-3B	Triple Bay 6" Plinth
ARPB512-3B	Triple Bay 12" Plinth



Additions to configure complete solution through IT Professional Edge Configurator tool					
Power	UPS	Monitoring	Security	Startup	Additions
Horizontal and vertical PDU from basic to metered by outlet.	VRLA to Lithium-Ion UPS options in varying capacities.	EcoStruxure IT for remote monitoring and management	NetBotz available for door contacts, environmental sensors, keylock, and more.	Field installation for Schneider Electric and APC equipment.	Extended warranty, cable management, fire suppression, and more.

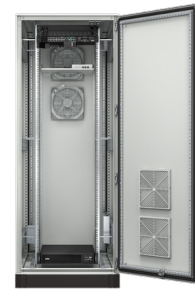
R-Series Low Density NEMA 12 / IP54

REGION AVAILABLE: **NAM**

Configurable solution.

Select the right enclosure with cooling options to deploy in harsh indoor environments. Additional options available include UPS, PDU, monitoring, and more for an all-in-one solution at the edge.

Configure now at se.com/myschneider



	42U Low Density			
	Base Enclosure (add ventilation to complete solution)			
H x W x D (mm)	2100 x 600 x 800	2100 x 600 x 1000	2100 x 800 x 1000	2100 x 800 x 1200
Static Load	882 lb			
Total Rack U Space	42U			
Max. Mounting Depth	589 mm	789 mm	789 mm	989 mm
IP Rating	NEMA 12 / IP54 (with ventilation)*			
Base	Plinth			

*ventilation system not included in base enclosure



	Additions to configure complete solution through IT Professional Edge Configurator tool
Power	
Maximum IT Load	2kW
UPS Capacity	1 - 3kVA, runtime configuration dependent
Power input	120V /230V
Cooling	
Cooling capacity	≤2kW
Cooling Type	Fan Ventilated (fan system to be added to enclosure)
Security	
Monitoring	Options available (Phone, App, Web)
Environmental Sensing	Options available
Deployment	
Pre-installed IT	No
Assembly	Optional assembly of ventilation, power, and monitoring components
Warranty	1 year warranty

R-Series Low Density IP54

REGION AVAILABLE: **INTERNATIONAL**

Configurable solution.

Select the right enclosure to deploy in harsh indoor environments. Additional options available include UPS, PDU, security, monitoring, and more for an all-in-one solution at the edge.

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	15U 500W	24U 500W	24U 1kW	42U 2kW
Solution Part Number	MDC15UR500ACI	MDC24UR500ACI	MDC24UR1KACI	MDC42UR2KACI
Rack dimensions H x W x D (mm)	850 x 600 x 600	1300 x 800 x 1000	1300 x 800 x 1000	2100 x 800 x 1200
Solution dimensions H x W x D (mm)	850 x 850 x 600	1300 x 1060 x 1000	1300 x 1060 x 1000	2100 x 1130 x 1200
Static Load	500 kg	1000 kg	1000 kg	1500 kg
Dynamic Load	200 kg	600 kg	600 kg	800 kg
Total Rack U Space	13U	24U	24U	42U
IP Rating	IP54			
Power Input	230V 50Hz/60Hz - Power Distribution Panel			
Cooling Capacity (L35/L35)	500W	500W	1kW	2kW
Cooling Type	Self-Contained AC DX, EcoStruxure ITE enabled			
Noise Level	<65 dB			
Physical Security	Standard Mechanical Multi-point Lock			
Base	Plinth		Casters	
Cable Entry	Power and data cable glands			
Accessories	LED Light			
Deployment	Ships fully assembled with cooling and power distribution			
Warranty	1 year warranty, extend up to 3 years			

Additions to configure complete solution through IT Professional Edge Configurator tool

UPS	PDU	Security	Fire Suppression	Monitoring	Services
APC Smart-UPS, APC Easy UPS	NetShelter Basic, Metered, Switched Rack PDU	NetBotz 250, NetBotz 750 + Camera pod	2U Rack Fire Suppression Kit	EcoStruxure IT Expert	Warranty extension

R-Series Low Density IP54

REGION AVAILABLE: **INDIA**

Configurable solution.

Select the right enclosure to deploy in harsh indoor environments. Additional options available include UPS, PDU, security, monitoring, and more for an all-in-one solution at the edge.

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	15U 500W	24U 500W	24U 1kW	42U 2kW
Solution Part Number	MDC15UR500ACI-IN	MDC24UR500ACI-IN	MDC24UR1KACI-IN	MDC42UR2KACI-IN
Rack dimensions H x W x D (mm)	850 x 600 x 600	1300 x 800 x 1000	1300 x 800 x 1000	2100 x 800 x 1200
Solution dimensions H x W x D (mm)	850 x 850 x 600	1300 x 1060 x 1000	1300 x 1060 x 1000	2100 x 1130 x 1200
Static Load	500 kg	1000 kg	1000 kg	1500 kg
Total Rack U Space	13U	24U	24U	42U
IP Rating	IP54			
Power Input	230V 50Hz/60Hz - Power Distribution Panel			
Cooling Capacity (L35/L35)	500W	500W	1kW	2kW
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Warranty	1 year warranty, extend up to 3 years			

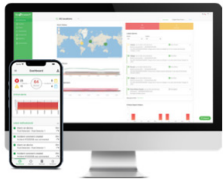
Additions to configure complete solution through IT Professional Edge Configurator tool

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APC Smart-UPS, APC Easy UPS	NetShelter Basic, Metered, Switched Rack PDU	NetBotz 250, NetBotz 750 + Camera pod	2U Rack Fire Suppression Kit	EcoStruxure IT Expert	Warranty extension; Cooling Unit Maintenance

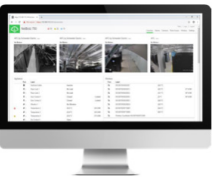
Take control of edge environments with EcoStruxure IT

Distributed IT edge and on-premise environments present new challenges.

The sprawling hybrid IT environment is challenging even the most sophisticated IT organizations with maintaining the resiliency, security, and sustainability of their IT systems. EcoStruxure IT Software & Services can address these challenges by mitigating and anticipating the risk of failure for critical infrastructure while reducing operational expenses through an open, vendor-agnostic platform.



IT Expert – A cloud-based, advanced remote monitoring tool for wherever-you-go visibility and alarms, preventative management, and data-driven recommendations to mitigate security and failure risks of the data center and distributed IT infrastructures.



NetBotz™ – The solution consists of rack mount and wall mount appliances, sensor pods, and sensors, designed to provide a wide range of integrated environmental monitoring, surveillance, and access control for sensitive equipment.



Try our IT Professional Edge
Configurator to discover the
right solution.

itedgeconfigurator.se.com

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