

Altron[®]

Micro DC Specifications

Tailored solution
integrating best of breed
industry technologies.



Micro DC Specifications

Micro Data Center type	Comfort		Revolution	
Version	C3	R3	R6	R10
Total power of UPS	3000 VA	3000 VA	6000 VA	10000 VA
Total ICT power	2500 W	2500 W	5200 W	6500 W
Recommended circuit-breaker	16 A char. C	16 A char. C	32 A char. C	40 A char. C
Rack power distribution	From 1+0 up to 3+3 PDU units	From 1+0 up to 3+3 PDU units	From 2+0 up to 3+3 PDU units	From 2+0 up to 3+3 PDU units
Type of cooling unit	Altron Smart Ventilation Unit	MRAC 0035	MRAC 0070	MRAC 0070i
Cooling method	Air Ventilation	Direct Expansion	Direct Expansion	Direct Expansion
IP protection	IP 20	IP 54	IP 54	IP 54
Air temperature for ICT equipment	Dep. on room temperature	18 °C – 27 °C	18 °C – 27 °C	18 °C – 27 °C
Indoor operating conditions	5 °C – 25 °C	-10 °C – 40 °C	-10 °C – 40 °C	-10 °C – 40 °C
Outdoor operating conditions	N/A	-10 °C – 50 °C	-10 °C – 50 °C	-10 °C – 50 °C
Color	Black RAL 9005, white RAL 9010	Black RAL 9005, white RAL 9010	Black RAL 9005, white RAL 9010	Black RAL 9005, white RAL 9010
Dimensions	750 × 1200 × 1970 mm (w × d × h)	750 × 1200 × 1970 mm (w × d × h)	750 × 1200 × 1970 mm (w × d × h)	750 × 1200 × 1970 mm (w × d × h)
Work area: for installation	From the front 1200 mm; From behind and from the sides 800 mm	From the front 1200 mm; From behind and from the sides 800 mm	From the front 1200 mm; From behind and from the sides 800 mm	From the front 1200 mm; From behind and from the sides 800 mm
Work area: for operation	From the front 1200 mm; From behind and from the sides 200 mm	From the front 1200 mm; From behind and from the sides 200 mm	From the front 1200 mm; From behind and from the sides 200 mm	From the front 1200 mm; From behind and from the sides 200 mm
Weight	320 kg	320 kg	340 kg	380 kg
U-positions for ICT (max.)	37 U	25 U	29 U	27 U

Optional HW accessories

Version	C3	R3	R6	R10
PUE analysis for each power distribution line	×	×	×	×
Electronic access and security system	×	×	×	×
Fire alarm system	×	×	×	×
Visualization server	×	×	×	×
Control touch panel	×	×	×	×
Extra PDU	×	×	×	×
CCTV (Closed Circuit Television)	×	×	×	×
Fire extinguishing module	×	×	×	×
Modem	×	×	×	×
Extra battery module	×	×	×	×
Dual Power Distribution (Maintenance Mode - MM)	including 1 extra PDU	including 1 extra PDU	including 2 extra PDU	including 2 extra PDU