

## FEATURES

- Standardized enclosure platform with modular options of climate management and AC distribution and DC Power system enables cost effective, fast and reliable network implementation
- Direct buried application eliminates concrete pad, lowering cost
- Combines copper cross connect/fiber splicing & patching with MSAN functions in one enclosure
- Exchangeability of all external piece parts during operation
- Double walled design enables excellent heat transfer without fans, saving capex
- Durable Aluminum Alloy enclosure provides high corrosion resistance and long life service
- High vandalism protection, corresponding to EN 1627 class RC2

The Vertiv BroadBand Edge Outdoor Enclosure series with the comprehensive standard range of enclosures, climate control components, power supplies and distributions allows scalable, cost-efficient solutions for a whole host of different telecommunications infrastructures.

Whether copper or fiber optic, Vertiv broadband enclosures contribute to ensure reliable high speed networks.

The proven Aluminum base frame offers excellent mechanical stability.

Even minor impacts will not disrupt the operation of the enclosure.

Thanks to clear segregation of the usable space, the fixtures can be positioned flexibly and safely, both in the non-standard area for utility components and for standardized 19" and metric designs as well as copper and fiber optic distribution components.

The individual sections can be separated by dividing panels if necessary.

This allows different access rights to be assigned, supported also by double locking systems in the doors.

There is no blocking of narrow sidewalks during service activities. Doors can be hung and unhang without tools within seconds.

Vertiv's broadband enclosures ensure noiseless cooling for low and medium operating densities based on natural convection in all exterior walls and doors.

In case of higher demands of cooling capacity scalable climate control solutions ensure safe heat transfer by keeping the sound emission limits for rural and urban deployment.

The Vertiv BBE series can be ideally configured with the NetSure™ 2100 DC power system, available in several

models; a compact series of power dense systems for applications where space is limited and for maximum cost efficiency.

### Application

The Vertiv BBE Series is specifically designed for FTTC & FTTB/H architectures and the need for fast installation and cost efficiency. Low airborne noise climate management making them best suited for deployments in urban and rural areas. Mounting accommodations are provided for combining multiservice access node, copper cross connect, fiber optic splice units, ac distribution etc. power system etc. The Vertiv BB series can be ideally configured with compact NetSure™ DC power systems for energy efficient and reliable power supply.



BBE 1000

## Technical Specification

ENCLOSURE	BBE 1000	BBE 1400	BBE 2000
Dimensions (H x W x D)	1630 x 1000 x 500 [mm]	1630 x 1400 x 500 [mm]	1630 x 2000 x 500 [mm]
Enclosure	Aluminum Alloy, double walled, powder paint RAL 7038		
Door design	single door	symmetric/asymmetric double door	double or triple door
Rack systems	1 x ETSI/19" + 340 mm free space	2x ETSI/19"	2 or 3x ETSI/19"
Rack height	975mm (22U, 39SU)		
Locking type	3-point locking system, swing handles for one or two cylinder locks		
Cable inlets	Removable access panels with grommets, M glands and Multigate plates		
Cross connect frames	1 column	1 to 3 columns	1 to 3 columns
Separation of sections, e.g. power & telco	no	possible	possible
Accessories	LED-light, door switch, grounding provisions, smoke detector, document holder etc.		
AC distribution (components)	power connection box, e-meter box, CB, RCD, service outlets		
CLIMATE SOLUTION CAPACITY			
Passive (natural convection)	13 W/K	17 W/K	25 W/K
Roof top fan system*	20 W/K	27 W/K	40 W/K
Roof top heat exchanger*	31 W/K	42 W/K	53 W/K
* Heat loss capacity per degree (exhaust vs. ambient temperature)			
ENVIRONMENTAL			
Temperature**	-45°C to + 50°C		
Operational, transportation, storage	ETSI EN 300 019-1-4 cl.4.1, ETSI EN 300 019-1-2 cl. 2.3, ETSI EN 300 019-1-1 cl. 1.2		
IP protection	IP 55 (IEC 60529)		
Impact	IK 10 (EN 50102), RC 2 (EN1627)		
** Other ambient temperatures to be reviewed			
DC POWER EQUIPMENT			
NetSure 2100	1-3 kW output power; For operating temperature range please see respective DC Power data sheet; Remote monitoring; Battery and alarm management; User friendly interface		
STANDARDS COMPLIANCE			
EU directives	CE, RoHS, REACH		
Safety	EN 60950-1, EN 60950-22		
Corrosion resistance	EN 60950-22 and ISO 21207 method B		



BBE 1000



BBE 1400



BBE 2000