A publication of:

Mc Energy BV ® Brouwerstraat 28 2984 AR Ridderkerk

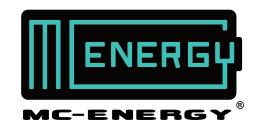
The Netherlands



+31 (0)85 00 75 569



info@mc-nrg.com
www.mc-nrg.com



Datasheet - GridConn500 Containerized battery energy storage system

Standard characteristics

Energy management system	Mc Energy [®] GridConn		
Net voltage range	3x 380V3x480V		
Net frequency	50/60Hz		
Voltage drop compensation ¹	Yes		
Ambient temperature range	-20°C – 40°C		
Local controls/manual operation	Through HMI		
Modularity	Stackable		
Hot swappable	Yes (on the DC side)		
Warranty	Ex Works 12 months after delivery factory		
	warranty		
Remote control	Optional		
Climate control	Enclosed air conditioning suitable for harsh		
	environments		
Container size	20ft		



Figure 1: GridConn500 Container

Standard parts and options

Туре	Battery capacity (kWh)	Power (kVA)	Max connectable power	Container type (ft)	UPS capabilities?	Off grid capabilities
GridConn500	180kWh	625kVA	1500kWh (4x Battpack330)	20ft	Yes (2 units needed and synchronized)	Yes
Battpack330	330kWh			20ft	Yes (combined with GridConn)	No

Connection example²



Figure 2: GridConn500 in combination with 4x BattPack330 (1500kWh)

Disclaimer:

No rights can be derived from the information provided on this sheet.

¹ The line voltage may drop over long cables or in weak grid areas. The system compensates this voltage drop.

² The example shows the maximum amount of connected battery packs to one GridConn500. This system is hot pluggable and can be expanded on demand with additional BattPack330 units up to a maximum of four units.