

Datasheet – BattPack330 Hot-pluggable battery energy storage add-on

Standard characteristics

Energy management system	Mc Energy® GridConn
Net voltage range	Handled by GridConn
Net frequency	Handled by GridConn
Voltage drop compensation ¹	Handled by GridConn
Ambient temperature range	-20°C – 40°C
Local controls/manual operation	Handled by GridConn
Modularity	Stackable
Hot swappable	Yes
Charge/Discharge	2C
Warranty	Ex Works 12 months after delivery factory warranty
Remote control	Handled by GridConn
Climate control	Enclosed air conditioning suitable for harsh environments
Container size	20ft



Figure 1: BattPack330 Container

Standard parts and options

Type	Battery capacity (kWh)	Power (kVA)	Max connectable power	Container type (ft)	UPS capabilities?	Off grid capabilities
GridConn500	180kWh	625kVA	1620kWh (4x Battpack330)	20ft	Yes (2 units needed and synchronized)	Yes
GridConn1000	---	1250kVA	2880kWh (8x 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)

¹ The line voltage may drop over long cables or in weak grid areas. The GridConn 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.

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