



VDL ENERGY SYSTEMS

Electrical power unit

e-PU500



Datasheet e-PU500

System Data		Batteries		
Voltage & Frequency	400 V, 3~, 50 Hz	Type	Lithium	NMC
Power (continuous)	265 kVA		System	Rack
Power (<15 min.)	360 kVA	Setup	5 Racks + 1 MBMS	12 Modules + 1 BMS
Energy	530 kWh	Nominal voltage	710 V DC	710 V DC
Dimension & weight		Capacity (Nominal)	750 Ah	150 Ah
Dimension (l x b x h)	2991 x 2438 x 2891 10 Ft HQ Container	Energy (Nominal)	530 kWh	106 kWh
Weight	8200 kg	Power (Continuous / 0,5C)	265 kVa	53 kVa
Inverter		Power (<15 Min. / 0.8C)	425 kVa	85 kVa
Quantity	1 Inverter	Efficiency charge & discharge	≥ 96%	
Current	520 A Max	Storage temperature	- 10 °C / +45 °C	
Cooling	Air-Cooled	Thermal management	Forced air cooling	
Connections				
Input/ Output	2x 400A powersafe (power lock) Bi-directional	VDL Energy Systems bv - Darwin 10 - 7609 RL Almelo Mobile +31 (0) 74 240 2000 info@vdlenergysystems.com - www.vdlenergysystems.com		

