

	Force 150	Force 240	Force 360
Application	   	   	   
Tower Crane Hoist motor	1 crane <= 75kW 2 crane <= 55kW 3 crane <= 35kW	1 crane <= 160kW 2 crane <= 110kW 3 crane <= 75kW	1 crane <= 200kW 2 crane <= 160kW 3 crane <= 110kW
Nominal Power	150 kVA	240 kVA	360 kVA
Peak Power	150 kW	240 kW	540 kW
Output Voltage	400 V	400 V	400 V
Tower Crane Outlets	2 outputs 125A CEE or 160A bolted	3 departures 250A bolted	3 departures: 2 x 250A and 400A bolted
Other Outlets	2 outputs 63A CEE and 32A CEE	4 outputs 63A CEE	4 outputs 63A CEE
Battery Capacity	150 kWh	240 kWh	360 kWh
Battery Type	LFP		
Input Voltage (Top Up)	3x400 V	3x400 V	3x400 V
Input Current	max 80A	max 160A	max 160A
Solar	40 kW AC	100 kW AC	150 kW AC
Genset	Active genset control		
Topology	Microgrid forming / Grid following	Microgrid forming	Microgrid forming
RCD Protection	Yes, on-site adjustable		
Electronic Protection	Yes, remote & on-site adjustable, C-curve		
Selective Protection	Yes	Yes	Yes
Dimensions (L x W x H)	3.0 m x 1.8 m x 2.0 m	3.0 m x 2.3 m x 2.5 m	3.0 m x 2.3 m x 2.5 m
Weight	3.5 tons	5.5 tons	7.5 tons
Thermal management	HVAC		
Operating temperature range	-20 to 50°C		
Connectivity	4G connected to the Neargrid Portal - remote parameterization and controlling of the units - SMS- alerts avoid and solve problems on site		

