

BLOCK-M Power PCS

Think bigger!

Landport Energy's Block-M Power PCS serves both on-grid and off-grid power needs. Available in 100 or 200kW capacities, the Power PCS is a versatile hybrid inverter, perfectly designed to complement the Block-M L215.

Block-M Power PCS
Block-M Set (Power PCS + Cabinet 215kWh)



Modularized design, support optional PV module; flexible capacity expansion, convenient operation and maintenance



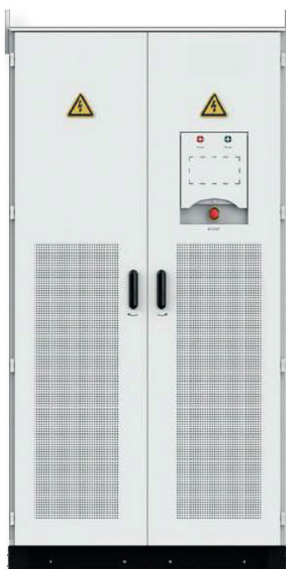
Adjustable output power, charge and discharge power can be set, strong grid adaptability



Smooth switching between off-grid and on-grid, uninterrupted power supply to the load



Integrated EMS function, support various EMS energy management strategies, can participate in the power market auxiliary services



BLOCK-M Power PCS

Specifications

Cabinet Inverter Parameters	OSP-100K-H	OSP-200K-H
Batteries		
Operating Voltage Range	650~950V	650~950V
Full Load Voltage Range	680~950V	680~950V
Photovoltaic Input		
Max. Photovoltaic Power	100kW	200kW
Operating Voltage Range	180~650V	180~650V
Max. Current Per MPPT	100A	100A
AC (grid-connected)		
Max. Power	110kVA	220kVA
Normal Power	100kW	200kW
Normal Voltage	230/400V	230/400V
Max. Current	167A	167*2A
Nominal Frequency	50/60Hz	50/60Hz
Nominal Frequency Range	45-55/55-65Hz	45-55/55-65Hz
THDI	≤3%	≤3%
Power Factor	1 (Leading)~1 (Lagging)	1 (Leading)~1 (Lagging)
AC Mode	3W+N+PE	3W+N+PE
AC (off-grid)		
Max. Power	110kVA	220kVA
Normal Power	100kW	200kW
Normal Voltage	230/400V	230/400V
Max. Current	167A	167*2A
Nominal Frequency	50/60Hz	50/60Hz
THDU	<3% (Linear Load)	<3% (Linear Load)
Power Factor	1 (Leading)~1 (Lagging)	1 (Leading)~1 (Lagging)
Overload Capacity	110% Long-time	110% Long-time
System Parameters		
On/Off Grid Switching Time	≤20ms	≤20ms
EMS	Integrated	Integrated
Operating Temperature Range	-25~+55°C (45°C start to derate)	-25~+55°C (45°C start to derate)
Operating Humidity Range	5~95%RH, non-condensing	5~95%RH, non-condensing
Max. Operating Altitude	2000m	2000m
Cooling Mode	Intelligent Air-Cooling	Intelligent Air-Cooling
Protection Level	IP55	IP55
Weight	890kg	980kg
Dimensions (WxDxH)	1200*1200*2380mm	1200*1200*2380m
Accreditation	EN50549-1/EN 62477-1/EN 61000-6-2/EN 61000-6-4/ GB T 34120-2017	
Warranty	5 years	



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