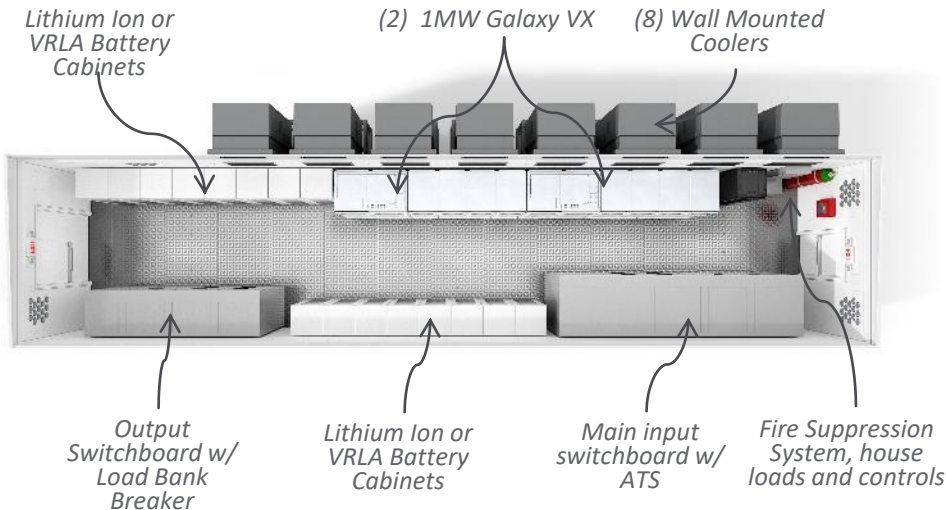
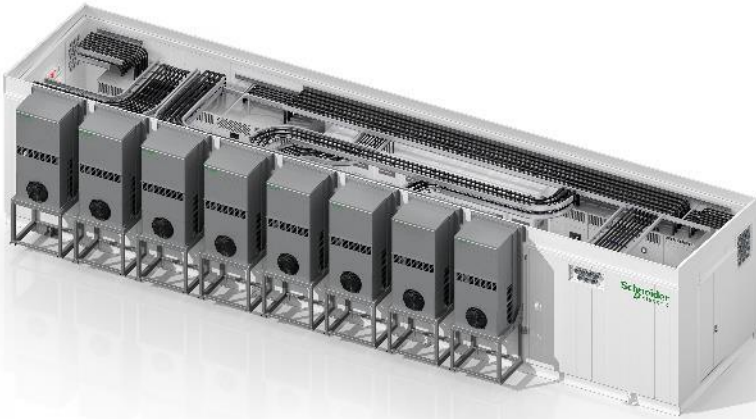
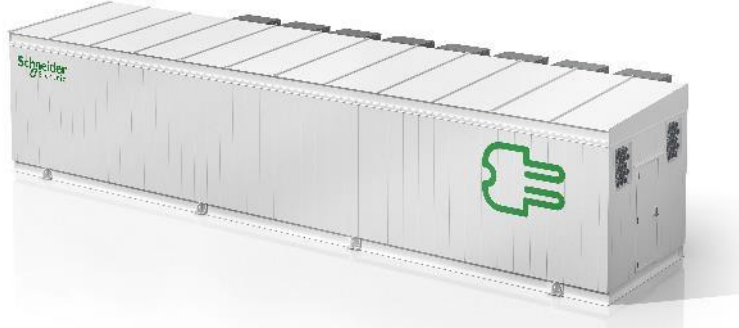


2000kW Prefabricated Data Center Power Module

Data Sheet

Schneider Electric offers scalable, easy-to-deploy, Prefabricated Data Center Modules.



General	PFMPE2000NA-VX
Total Power Capacity Primary Bus /Critical Bus	Up to 3200kW Continuous Up to 2000kW UPS Power
ATS	4000A 3 Pole Open Transitions
UPS Topology	High Efficiency, Scalable, Double Conversion Online
Efficiency at 100% Load	Up to 94%
Input	
Input Power Voltage (Nominal)	480V AC
Grid System	3 phases + PE (3 Wire)
Voltage range	-15% / +20% @
Frequency (Nom)	60 hZ
Maximum Input Current	4000A @ 480V
Power Factor	>.99% @ Full Load (UPS)
ITHD	< 3% at Full Load (UPS)
Output	
Voltage	480V AC
Grid System	3 phases + PE (3 Wire)
Voltage Regulation	<2% from 0 - 100% linear load <6% full non-linear load per IEC/EN62040-3
Output Current Rating	Primary Bus 4000A Continuous Critical Bus 2500A Continuous
Battery System	
Battery Type	VRLA – Long Life Battery Modules Optional: Lithium Ion Battery Modules
Estimated Runtime	VRLA: 5 to 6 mins @ Full Load Li-Ion: Up to 14 minutes @ Full Load
Cooling	
Cooling Redundancy	N+1
Sensible Cooling	118.3kW (N+1) @35° C (External Ambient)
Sensible Heat Ratio (SHR)	0.92
External Temperature for Total Free Cooling	57° F / 14° C
Refrigerant	R407C
Physical	
Length	54 feet
Width	12 feet / (15.1 feet installed w/ wall mount coolers)
Height	12.3 feet
Est. Weight	Shipping: 78,000 lbs. (w/o batteries) Operational: Up to 124,600 lbs. (VRLA) Operational: Up to 93,800 lbs. (Li-Ion)
Environmental (external)	
Operating min/max temp.	-20° to 45°C (Recommended battery temperature 25° C)
Operating humidity range	0-100%
Operating Altitude	0 – 1000m
Audible Noise (pressure)	74 dB(A) @ 1m from surface of unit
Main Options	Dual feed Input (UPS) EcoStruxure IT and/or Power Load Bank Connection Breaker Additional output distribution
Additional Features	ATS controller, Integrated Power Management System, Physical Threat Detection system, Fire Suppression System, Lighting