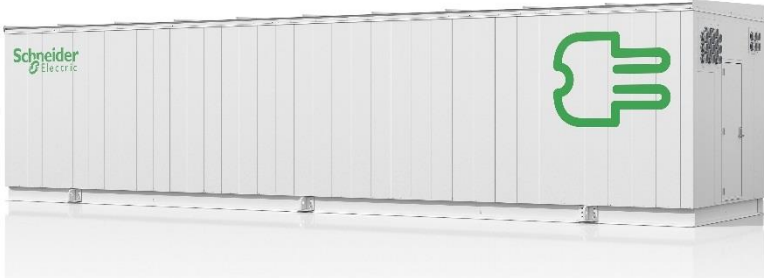


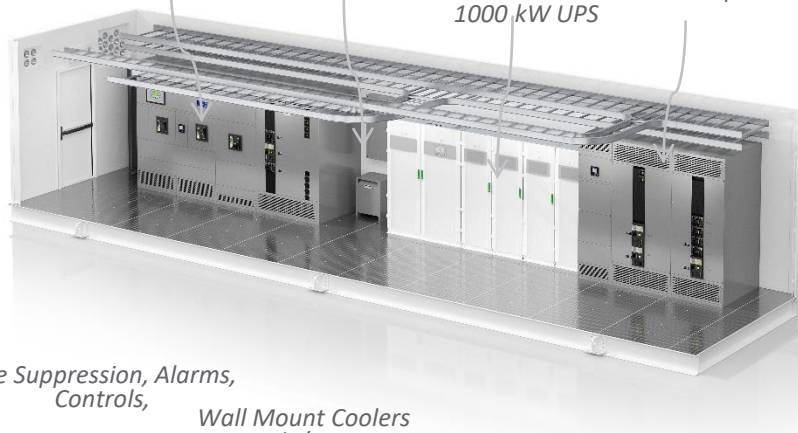
1000kW Prefabricated Data Center Power Module

Data Sheet

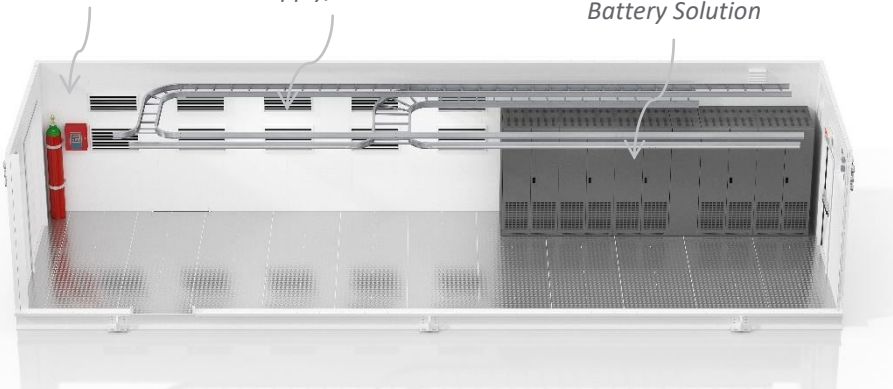
Schneider Electric offers scalable, easy-to-deploy, Prefabricated Data Center Modules.



Input & Maintenance Bypass switchboard
 House Load Panelboard and 120V/208V transformer
 Galaxy VX 1000 kW UPS
 Output switchboard w/ Load Bank Breaker Option



Fire Suppression, Alarms, Controls,
 Wall Mount Coolers Supply/Return
 Battery Solution



General	PFMPE1000NA-VX
Total Power Capacity Primary Bus /Critical Bus	Up to 2000kW Continuous Up to 1000kW UPS
ATS	2500A 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	2500A @ 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 2500A Continuous Critical Bus 1200A 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	69.5kW (N+1) @ 35° C (External Ambient)
Sensible Heat Ratio (SHR)	0.92
External Temperature for Total Free Cooling	14° C
Refrigerant	R407C
Physical	
Length	45 feet
Width	11.4 feet / (13.3 feet installed)
Height	11.3 feet
Est. Weight	Shipping: 72,500 lbs. (w/ VRLA batteries) Operational: Up to 76,000 lbs. (VRLA) Operational: Up to 61,000 lbs. (Li-Ion)
Stacking Containers	Custom only
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 Building Load Bank Connection Breaker Output tie breaker Additional output distribution
Additional Features	ATS controller, Integrated Power Management System, Physical Threat Detection system, Fire Suppression System, Lighting