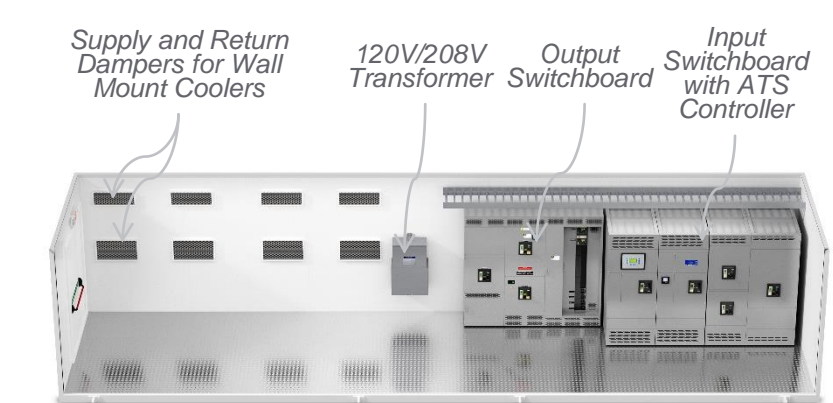
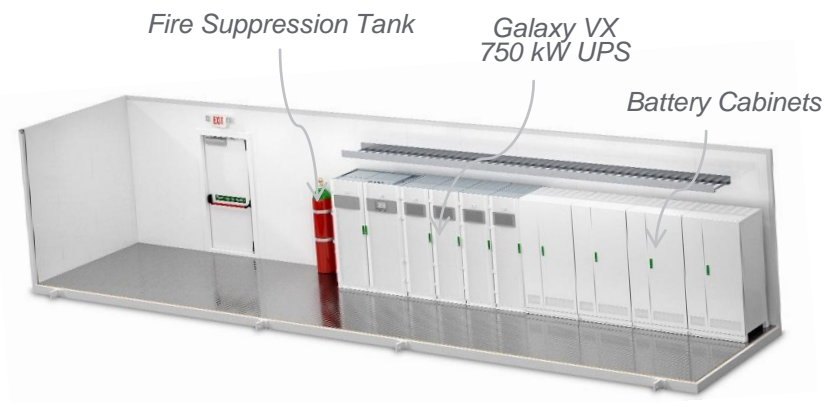


750kW Prefabricated Data Center Power Module

Data Sheet

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



General	PFMPE0750NA-VX
Total Power Capacity Primary Bus /Critical Bus	Up to 1300kW Continuous Up to 750kW UPS
ATS	1600A 3 Pole Open Transitions
UPS Topology	Modular, Scalable, Double Conversion Online
Efficiency at 100% Load	Up to 95%
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	1600A @ 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 <3% full non-linear load per IEC/EN62040-3
Output Current Rating	Primary Bus 1600A Continuous Critical Bus 1000A Continuous
Battery System	
Battery Type	VRLA – Long Life Battery Modules
Estimated Runtime	5 to 6 mins @ Full Load
Cooling	
Cooling Redundancy	N+1
Sensible Cooling	54.9kW (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	9.85' (12' at site w/ HVAC)
Height	10 feet
Est. Weight	Shipping: 48,000 lbs. (w/o batteries) Operational: Up to 70,000 lbs.
Stacking Containers	Custom only
Environmental (external)	
Operating min/max temp.	-20° to 40° C (Recommended battery temperature 25° C)
Operating humidity range	0-95%
Operating Altitude	0 – 1000m
Audible Noise (pressure)	74 dB(A) @ 1m from surface of unit
Main Options	Lithium Ion Batteries StructureWare Dual Feed Input 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