

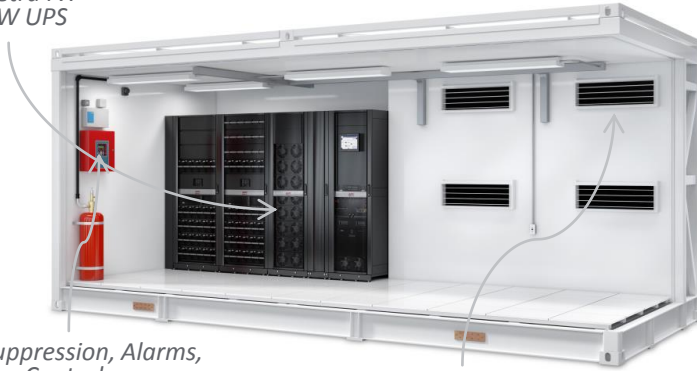
# 250kW Prefabricated Data Center Power Module

## Data Sheet

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

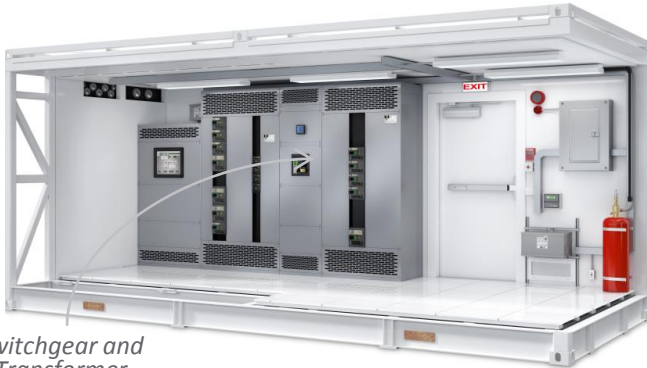


*Symmetra PX  
250 kW UPS*



*Fire Suppression, Alarms,  
Controls*

*Wall Mount  
Air Conditioners*



*Switchgear and  
Transformer*



General	PFMPE0250NA-PX
Total Power Capacity Primary Bus /Critical Bus	Up to 550kW Continuous Up to 250kW UPS
ATS	800A 3 Pole Open Transitions
UPS Topology	Modular, Scalable, Double Conversion Online
Efficiency at 100% Load	Up to 94%
Input	
Input Power Voltage (Nominal)	480V AC
Grid System	3 phases + PE (4 Wire)
Voltage range	-15% / +20%
Frequency (Nom)	60 hZ
Maximum Input Current	800A @ 480V
Power Factor	>.99% @ Full Load (UPS)
ITHD	< 3% at Full Load (UPS)
Output	
Voltage	480V AC
Grid System	3 phases + PE (4 Wire)
Voltage Regulation	<2% from 0 - 100% linear load <6% full non-linear load per IEC/EN62040-3
Output Current Rating	Primary Bus 800A Continuous Critical Bus 361A Continuous
Battery System	
Battery Type	VRLA – Long Life Battery Modules
Estimated Runtime	5 to 6 mins @ Full Load
Cooling	
Cooling Redundancy	2N
Sensible Cooling	17.4kW (N+1) @35° C (External Ambient)
Sensible Heat Ratio (SHR)	0.92
External Temperature for Total Free Cooling	14° C
Refrigerant	R407C
Physical	
Length	25 feet
Width	11.5 feet
Height	11.5 feet
Est. Weight	Shipping: 24,000 lbs. (w/ batteries) Operational: Up to 28,000 lbs.
Stacking Containers	Custom only
Environmental (external)	
Operating min/max temp.	0° 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	Dual feed Input StruxtureWare 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