

250 kW Prefabricated Data Center Power Module

Data Sheet

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



Wall Mounted Air Conditioners



Symmetra PX 250 kW UPS

Fire Suppression, Alarms, Controls,



Switchgear



Uniflair CRACs

General	
Total Power Capacity	Up to 550kW Continuous
Primary Bus / Critical Bus	Up to 250kW or 225kW N+1UPS
ATS	800A 4-Pole Closed & Open Transitions
UPS Topology	Modular, Scalable Double Conversion Online
Climate Control	Air cooled, direct expansion with free cooling. Optional humidity control & reheat
Fire Suppression	IG541 (Inergen) fire extinguishing system with smoke/heat detection, auto/manual actuation, audible/strobe alarms
Efficiency at 100% Load	0.94
Input	
Input Power Voltage (Nominal)	400V AC 4 Wire (3Ph+PE) or 5 Wire (3Ph+N+PE)
Voltage Range	+/- 10%, -6%
Max. Input Current	800A @ 400V
ITHD	<5% at Full Load
Frequency (Nom)	50 hZ
Power Factor	.995% @ Full Load (UPS)
Output	
Output Power	230/400V AC 4 Wire (3Ph+PE) or 5 Wire (3Ph+N+PE)
Voltage Regulations	<2% from 0-100% linear load <6% full non-linear load per IEC/EN62040-3
Output Current (Nominal)	Primary Bus 800A Continuous Critical Bus 361A Continuous
Battery System	
Battery Type	VRLA - Long Life Battery Modules
Estimated Runtime	5mins @ Full Load
Cooling	
Cooling Redundancy	2N
Sensible Cooling Capacity (nominal)	17.4 kW (N+1) @ 35° C (External Ambient)
Sensible Heat Ratio (SHR)	0.92
External Temperature for Total Free Cooling	14° C
Refrigerant	R407C
Physical	
Length	6250mm (20' 6")
Width	3000mm (9' 10")
Height	3050mm (10' 0")
Est. Weight	Shipping: 11,500kg Operational: Up to 14,000 kg
Stacking Containers	Optional
Environmental (external)	
Operating min/max temp.	-20° to 50°C
Operating humidity range	0-100%
Operating Altitude	0 - 1000m
Audible Noise (pressure)	<45 dB(A) @ 10m
Main Options	Proximity keyless locks ; Load Bank Connection Breaker
Additional Features	Local HMI, Physical Surveillance cameras; integrated power management system and controls; Fibreport; Entry Locks; External Extended Runtime Connection