



EPC-ML Series Modular Online UPS 15-400kVA

MODEL	EPC-ML400/20X	EPC-ML200/20X	EPC-ML120/20X	
Capacity	400kVA/320kW	200kVA/160kW	120kVA/96kW	
Power module	EPC- PML20X (20kVA/16kW)			
Input	Voltage	200VAC ~ 220VAC 3Ph+N+PE		
	Voltage range	166-261Vac (line-line), full load; 166-125Vac (line-line), load derated from 100%-75% linearly		
	Frequency range	40Hz-70Hz (Configurable)		
	Power factor	>0.99		
	THDi	THDi<3% @ 100% linear load		
Output	Voltage	200V/208V/220V		
	Voltage regulation	1.5%		
	Power factor	0.8		
	THDu	THD<1% (linear load), THD<6% (non-linear load)		
	Crest factor	3:1		
	Overload capability	110% for 1 hour; 125% for 10 min; 150% for 1 min; >150% for 200ms		
Battery	Voltage	±120VDC		
	Charge power precision	±1%		
	Charge power	20%*System Power		
System	System efficiency	Normal mode:>93%; ECO mode:>98%; Battery mode:>93%		
	Display	10.4" color touch screen LCD + LED + Keyboard		
	IP class	IP20		
	Interface	Standard: RS232, RS485, Dry contacts, USB; Optional: SNMP, Expansion dry contact card		
	Operation / Storage temperature	0-40°C - 70°C		
	Relative humidity	0-95% (non-condensing)		
	Noise	72dB @ 100% load, 68dB @ 45% load (1 meter away)	65dB @ 100% load, 62dB @ 45% load (1 meter away)	
Weight (kg)	Cabinet	660	220	165
	Power Module	EPC-PML20X: 34		
Dimension (W*D*H) (mm)	Cabinet	2000*1050*2000	600*1100*2000	600*1100*1600
	Power Module	EPC-PML20X: 460*790*134		



MODEL		EPC-ML300/15X	EPC-ML150/15X	EPC-M090/15X
Capacity		300kVA/300kW	150kVA/150kW	90kVA/90kW
Power module		EPC- PML15X (15kVA/15kW)		
Input	Voltage	200VAC ~ 220VAC 3Ph+N+PE		
	Voltage range	166-261Vac (line-line), full load; 166-125Vac (line-line), load derated from 100%-75% linearly		
	Frequency range	40Hz-70Hz (Configurable)		
	Power factor	>0.99		
	THDi	THDi<3% @ 100% linear load		
Output	Voltage	200V/208V/220V		
	Voltage regulation	1.5%		
	Power factor	1		
	THDu	THD<1% (linear load), THD<6% (non-linear load)		
	Crest factor	3:1		
	Overload capability	110% for 1 hour; 125% for 10 min; 150% for 1 min; >150% for 200ms		
Battery	Voltage	±120VDC		
	Charge power precision	±1%		
	Charge power	20%*System Power		
System	System efficiency	Normal mode:>93%; ECO mode:>98%; Battery mode:>93%		
	Display	10.4" color touch screen LCD + LED + Keyboard		
	IP class	IP20		
	Interface	Standard: RS232, RS485, Dry contacts, USB; Optional: SNMP, Expansion dry contact card		
	Operation / Storage temperature	0-40°C - 70°C		
	Relative humidity	0-95% (non-condensing)		
	Noise	72dB @ 100% load, 68dB @ 45% load (1 meter away)	65dB @ 100% load, 62dB @ 45% load (1 meter away)	
Weight (kg)	Cabinet	660	220	165
	Power Module	EPC-PML15X: 32		
Dimension (W*D*H) (mm)	Cabinet	2000*1050*2000	600*1100*2000	600*1100*1600
	Power Module	EPC-PML15X: 460*790*134		