



## EPC Rack-Mounted Modular Online UPS 5-20kVA

Model		EPC 3120/05D		
System Capacity		20kVA		
Input	Rated Voltage	380VAC ~ 415VAC, 3Ph+N+PE		
	Input Voltage Range	277~478Vac (line-line), full load 47~277Vac (line-line), load decreases linearly from 100%~50%		
	Rated Frequency	40~70Hz (Configurable)		
	Input PF	>0.99		
	Input THDi	<5% (100%Linear load)		
Bypass	Rate Voltage	380VAC ~ 415VAC, 3Ph+N+PE		
	Rate Frequency	40~70Hz (Configurable)		
	Input Voltage Range	settable, default -20%~+15%		
	Bypass Overload Capability	125%, long time operation, 125%< load <130%, last for 5 minutes		
Output	Rate Voltage	380VAC ~ 415VAC, 3Ph+N+PE		
	Voltage Precision	±2%		
	Rate Frequency	50/60Hz±0.01%		
	Output PF	1		
	Output THDu	<1% linear load, <5% non-linear load (IEC/EN62040-3)		
	Inverter Overload	Normal	<110% for 1 hour; 110%~130% for 10 minutes;	
		Battery	<110% for 10 minutes; 110%~125% for 1 minute;	
	Synchronization Range	settable, ±0.5Hz/s~±5Hz/s, default ±3Hz/s		
	Synchronization Rate	settable,0.5Hz/s~3Hz/s, default 0.5Hz/s		
	Output Dynamic Response	<5% (20%-80%-20% step load)		
Dynamic Recovery Time	<20ms (0%-100%-0% step load)			
Battery	Voltage	144VDC (12pcs)		
	Charge Power	0~1.8A settable (each module)		
	Charger Voltage Precision	1%		
System	Efficiency	AC Mode: >94.5%; ECO Mode: >98%; Battery Mode: >90%		
	Display	LCD+LED, 7" touch colour screen and keyboard		
	IP Class	IP20		
	Interface	Standard: RS232, RS485, USB, Dry contacts		
	Option	SNMP card, AS400 card, parallel kits, SPD, dust filter, LBS		
	Temperature	Operation: 0-40°C Storage: -40~70°C		
	Relative Humidity	0-95% Non-condensing		
	Altitude	<1000m, Load derated 1% per 100m from 1000~2000m		
	Noise(dB)	55dB @100% load		
	Applicable Standard	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 PERFORMANCE: IEC/EN 62040-3		
Physical Dimension			RM3120	Battery
	Weight(kg)	Cabinet:	66.5kg	67.3kg
		Module:	7.5kg	17.8kg
	Dimension(W*D*H)(mm)	Cabinet	443*695*928	
Module		200*431*84.5	200*516*84.5	

