



## EPC Modular Online UPS 40-600kVA

Model		EPC80/40X	EPC160/40X	EPC240/40X	EPC400/40X
<b>Power Rating</b>		80kVA/80kW	160kVA/160kW	240kVA/240kW	400kVA/400kW
<b>Input</b>	Voltage	380VAC ~ 415VAC, 3Ph+N+PE			
	Input Voltage Range	304~478Vac (Line-Line), full load; 228V~304Vac (Line-Line), load decreases linearly according to the min phase voltage			
	Input Frequency Range	40Hz~70Hz (Configurable)			
	Input Power Factor	>0.99			
<b>Bypass</b>	Rated Bypass Voltage	380VAC ~ 415VAC			
	Rated Frequency	50/60Hz (Configurable)			
	Bypass Frequency Range	Selectable, ±1Hz, ±3Hz, ±5Hz			
<b>Output</b>	Rated Inverter Voltage	380VAC ~ 415VAC			
	Rated Frequency	50/60Hz (Configurable)			
	Output Power Factor	1			
	Inverter Overload	<110%, 60min; 110%~125%,10min; 125%~150%,1min; >150%,200ms			
<b>Battery</b>	Battery Rate Voltage	±240VDC			
	Charger Voltage precision	0.01			
	Charger Power	max=20% *Output power			
<b>Efficiency</b>	Normal Operation	>96%			
	Battery Operation	>96%			
<b>System</b>	Display	LED + LCD + touch screen			
	Interface	RS232, RS485, USB, Programmable dry contact		RS232, RS485, USB, Programmable dry contact, battery cold start	
	Operation Temperature	0 ~ 40 °C			
	Storage Temperature	-40 ~ 70 °C			
	Relative Humidity	0 ~ 95% non-condensing			
	Noise (1 meter)	72dB @ 100% load, 69dB @ 45% load			
	Altitude	<1000m, Load derated 1% per 100m from 1000 ~ 2000m			
<b>Physical</b>	Power module Dimension (W*D*H) mm	510*700*178			
	Power module Weigh (kg)	45			
	Cabinet Dimension (W*D*H) mm	600*980*1150	650*960*1600	650*1095*2000	1300*1100*2000
	Cabinet Weight (kg)	210	350	490	900