



EPC Series 100-600kVA Modular Online UPS

Model		EPC600/100D	
System Capacity		600kVA	
Power Module Capacity		100kVA/100kW	
Input	Dual Input	Optional	
	Rated Voltage	380VAC ~ 415VAC, 3Ph+N+PE	
	Rated Frequency	50/60Hz (Configurable)	
	Input Voltage Range	323~478Vac (line-line), full load; 323V~191Vac (line-line), load decrease linearly from 100%~40%; 191V~138V (line-line), load decrease linearly from 45%~35% according to the min phase voltage	
	Input Frequency Range	40Hz~70Hz (Configurable)	
	Input PF	>0.99	
	Input THDi	<3% (100% Linear load)	
Bypass	Rated Voltage	380VAC ~ 415VAC	
	Rated Frequency	50/60Hz (Configurable)	
	Bypass Overload	110% long term operation; 110% ~ 125% for 5 mins; 125% ~ 150% for 1 min; 150% ~ 400% for 1 s; >400% less than 200ms	
Output	Rated Voltage	380VAC ~ 415VAC	
	Rated Frequency	50/60Hz (Configurable)	
	Output PF	1	
	Voltage Regulation	±1%	
	Output THDu	<1%, Linear load, <5%, Non-linear load	
	Inverter Overload	<110% for 1 hour; 110%~125% for 10 mins; 125%~150% for 1 min; >150% for 200ms	
	Frequency Precision	±0.1%	
Battery	Voltage	±180 ~ 288VDC	
		30 ~ 32pcs derate to 0.7	
		34 ~ 36pcs derate to 0.8	
		38pcs derate to 0.9	
		40 ~ 48pcs	
	Voltage Precision	±1%	
Charge Power	Up to 15% * Output active power		
System	Efficiency	AC Mode	>96%
		Battery Mode	>95%
	Display	LED + Colour touch LCD screen	
	Interface	RS485, USB, CAN, Programmable Dry Contact, 2 Intelligent slots	
	Option	SNMP Card, AS400 Card, Parallel kit, dual input kit, SPD, LBS, GSM	
	Temperature	Operation: 0 ~ 40 °C Storage: -40~70°C	
	Relative Humidity	0 ~ 95% non-condensing	
	Noise (1 meter)	75dB @ 100% load, 70dB @ 45% load	
	Altitude	<1000m. Within 1000~2000m, 1% power derating for every 100m rise	
Physical	Dimension	Cabinet	1000*1100*2000
	(W*D*H) mm	Power module	440*794.5*174
	Weight (kg)	Cabinet	500
		Power module	50

