



EPC-MX-UL Series Modular Online UPS 30-120kVA

Model		DM 120/30X-UL		
System Capacity		120kVA		
Power Module Capacity		EPC 30kVA/27kW		
Input	Dual Input	Standard		
	Voltage	208VAC ~ 220VAC 3Ph+N+PE		
	Voltage Range	188~239V ac (line-line), full load; 125V~188V ac (line-line), load decreases linearly according to the min phase voltage		
	Frequency	40Hz ~ 70Hz (Configurable)		
	PF	>0.99		
	THDi	<3% (100% Linear Load)		
Bypass	Voltage	208Vac (line-line)		
	Rate Frequency	50/60Hz		
	Input Voltage Range	Settable, -40% + 25%		
	Frequency Range	Settable, ±1 Hz, ±3 Hz, ±5 Hz		
	Overload	110% long term operation; 125% for 5 min; 150% for 1 min; 150% for 1s		
Output	Rate Voltage	208VAC/220Vac (line-line)		
	Voltage Regulation	1.5% (0~100% linear load)		
	Rate Frequency	50/60Hz (configurable)		
	Frequency Precision	0.1%		
	PF	0.9		
	THDu	<1%, Linear load; <6%, Non-linear load		
	Crest Factor	3:1		
	Inverter Overload	110% for 1 hour; 125% for 10mins; 150% for 1 min; >150% for 200ms		
Battery	Voltage	±120Vdc		
	Battery No.	20pcs		
	Voltage Precision	±1%		
	Charge Power	up to 20% ^ Output Active Power		
	Battery Cold Start	Standard		
	Efficiency	AC Mode	94.00%	
		ECO Mode	98.00%	
Battery Mode		93.00%		
System	Display	7" touch screen LCD + LED + Keyboard		
	IP Class	IP 20		
	Interface	Rs232, RS485, USB, Programmable Dry Contact		
	Option	SNMP Card, Parallel kit, SPD, AS400		
	Temperature	Operation: 0~40°C; Storage: -40 ~ 70 °C		
	Relative Humidity	0 ~ 95% non-condensing		
	Altitude	<1000m. Within 1000m to 2000m, power derate 1% for every 100m rise		
	Noise (1 meter)	65dB @ 100% load; 62dB @ 45% load		
	Applicable Standards	Safety: UL 1778 5th Edition; CSA C22 No.107.3; IEC 62040-1:2008 (First Edition) + 1:2013 EMC: FCC Part 15 Class A; IEC/EN 62040-2: 2006		
Physical	Weight		Cabinet: 350kg Power Module: 45kg	
	Dimension W x D x H (mm)	Cabinet	650 x 960 x 1600	
		Power Module	510 x 700 x 178	

