



EPC-T11 Series Tower Online UPS 6-20kVA

Model		EPC-T1106XS	EPC-T1106XL	EPC-T1110XS	EPC-T1110XL	EPC-T1115XL	EPC-T1120XL
Power		6kVA		10kVA		15kVA	20kVA
Power(kW)		6kW		10kW		15kW	20kW
Input	Cold Start	YES					
	Acceptable Input Voltage	110VAC~288VAC					
		100% load@>176VAC					
		90% load@>154VAC					
		75% load@>132VAC					
		50% load@>110VAC					
	Transfer Voltage Range	220VAC ~ 240VAC(PF=1), 200VAC ~ 208VAC(PF=0.9)				220VAC ~ 240VAC	
	Line low transfer	110VAC					
	Line low recovery	121VAC					
	Line high transfer	288VAC					
	Line high recovery	281VAC					
	Rating (Nominal Input Voltage)	30A/220V	34A/220V	49A/220V	53A/220V	25A/380V	33A/380V
	Input Power Factor	≥0.99					
Input current distortion	<4%				≤4%		
Input Frequency Range	40~70Hz						
Output	Waveform (Bat. Mode)	Pure Sine Wave					
	Nominal voltage	220VAC ~ 240VAC(PF=1), 200VAC ~ 208VAC(PF=0.9)				200VAC ~ 240VAC (PF=0.9)	
	Voltage Regulation	± 1 %					
	Voltage Distortion	≤1% THD, linear load					
		≤ 5% THD, nonlinear load					
Output Frequency	50/60Hz (configurable)						
Transfer Time	Line mode to Battery Mode	0ms					
	Inverter to Bypass	0ms					
System	Line mode with the battery fully charged	95%MAX				94%@ 100% load, 94.5%@70% load	
	ECO mode	98.00%					
	Noise (1m away)	<58dB				<62dB	
	Overload Capability (Inverter)	105% to 110%: Transfer to bypass after 10 mins.					
		111% to 125%: Transfer to bypass after 1 min.					
		126% to 150%: Transfer to bypass after 30s					
	Overload Capability (Bypass Mode)	less than 125%: long-time running					
126% to 130%: Shutdown in 5 mins							
131% to 150%: Shutdown in 1 min							
> 150%: Shutdown in 200 ms							
Crest Ratio	3:1						



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Power		6kVA		10kVA		15kVA	20kVA	
Power(kW)		6kW		10kW		15kW	20kW	
Battery	Rating/Type	12VDC/7Ah	Depending on the capacity of external batteries	12VDC/9Ah	Depending on the capacity of external batteries	-		
	Quantity	16PCS default, 20PCS settable	16-20PCS settable	16PCS default, 20PCS settable	16-20PCS settable	16-20PCS settable		
	DC Voltage	192VDC default, settable						
	Back-up Time	4.5mins @80%load	Depending on the capacity of external batteries	2.5mins @80%load	Depending on the capacity of external batteries	-		
	Charging current (max)	1A, settable	5A max, settable	1A, settable	5A max, settable	5A max, settable		
	Float Charging Voltage	2.25V/cell default, settable via software						
	Boost Charging Voltage	2.25V/cell default, settable via software						
	Charging time	8h recharge to 90%	Depending on the capacity of external batteries	8h recharge to 90%	Depending on the capacity of external batteries	-		
	Leakage current	<3mA					-	
Indicator & Alarms	Display	LED+LCD						
	Interface	Smart RS232-Standard Cable support EPC Power Monitor Software						
	EPO	NC				NC, NO settable, forbidden default		
	Optional	RS485-Installed in the intelligent slot, SNMP-Power Management from SNMP Manager and Web Browser, Intelligent Kits- DB9 port/dry contact, Parallel Up to 4 units, Super Charger (12A) - digitally controlled, 4-steps charge settable @PF0.9, B-type USB port						
Working Environment	Working Environment	Storage: -40~70°C					working: 0~40°C, humidity 95% non-condensation, attitude<1500m (@full load)	
		-						
Physical	W*D*H(mm)	190*426*705	190*426*336	190*485*705	190*485*336	190*485*480		
	Net Weight (KG)	56	14	60	16	30		
	Package Weight (KG)	61	15	70	17	33		
	Rack / Tower	Tower						
	Color	Black Default						