

High Frequency Online UPS

EL T ol/RT(P) 1 KVA - 10KVA

Key Features:

- Manual Rotatable LCD Screen
- Rack Tower Convertible Design
- Different Power Configuration Flexibility To Achieve a Multi - purpose Machine, Power Customized Available
- Selectable Digital Charger Form 1A ~ 12A, Match For Different Appliance
- Wide Input Voltage Range : 208 / 220 / 230 / 240Vac For Option
- High Efficiency up to 95.5%, Lower Power Loss and Save Cost
- Output Power Factor up to 1.0, As an Industry Leader, Super High Load Efficiency
- Green Power ECO Mode, Power Efficiency up to 98.5%
- Smart Adjustable Setting, Support Voltage Compensation of Output to Transformer

Model	1K	1KL	2K	2KL	3K	3KL	6K	6KL	10K	10KL
Rated Capacity	1KVA / 1KW		2KVA / 2KW		3KVA / 3KW		6KVA / 6KW		10KVA / 10KW	
INPUT										
Input Formats	L + N + PE									
Rated Input Voltage	208 / 220 / 230 / 240Vac									
Voltage Range	110 ~ 300Vac (1 10 ~ 176Vac, 280 ~ 300Vac Power Limited)									
Frequency Range	50 / 60Hz ± 60Hz, ± 10Hz(Setable)									
Input Power Factor	≥0.99									
Input Harmonic Distortion	≤3% THD(Line Load), ≤ 5% THD(Non-linear Load)						≤5% THD(Line Load), ≤ 8% THD(Non-linear Load)			
OUTPUT										
Output Formats	L + N + PE									
Output Voltage	208 / 220 / 230 / 240Vac									
Output Accuracy	±1%									
Output Frequency	AC Mode : same as AC, Battery Mode : 50 / 60Hz ± 0.1%									
Output Harmonic Distortion	≤1% THD(Line Load), ≤ 3% THD(Non-linear Load)						≤2% THD(Line Load), ≤ 5% THD(Non-linear Load)			
Output Power Factor	1.0									
Transform Time	AC Mode to Batt. Mode : 0ms, Inverter Mode to Bypass Mode : 4ms						0ms; Switching from ECO mode to battery mode: 2 ms			
Load Capacity	AC Mode: 30min @ 102% ~ 110% Load 10min @ 110% ~ 130% Load 30s @ 130 ~ 150% Load 200ms @ ＞150% Load			Battery Mode: 1min @102% ~ 110% Load 10s @ 110% ~ 130% Load 3s @ 130% ~ 150% Load 200ms @ ＞150% Load			AC Mode: 30min @ 102% ~ 110% Load 10min @ 110% ~ 130% Load 30s @ 130 ~ 150% Load 200ms @ ＞150% Load		Battery Mode: 10min @102% ~ 110% Load 1min @ 110% ~ 130% Load 10s @ 130% ~ 150% Load 500ms @ ＞150% Load	
MACHINE EFFICIENCY										
AC Mode	Full Load Efficiency 94.5%@220Vac		Full Load Efficiency 95.5%@220Vac		Full Load Efficiency 95.5%@220Vac		Maximum Efficiency 95.5%, Full Load Efficiency 95%			
Battery Mode	Full Load Efficiency 89.5%@36Vdc		Full Load Efficiency 91.5%@72Vdc		Full Load Efficiency 91.5%@96Vdc		Maximum Efficiency 95.3%, Full Load Efficiency 94.8% (20Pcs Batteries)			
	Full Load Efficiency 89.5%@24Vdc		Full Load Efficiency 91.5%@48Vdc		Full Load Efficiency 91.5%@72Vdc					
BATTERY										
Battery Quantity	9Ah*2	36V	9Ah*4	72V	9ah*6	96V	Adjustable from 16 / 18 / 20pcs, Default 16Pcs			
Backup Time	Depend on user's requirement and configuration									
Charge Current	1K - 10K: 1.0A(Default), 1-2A (Adjustable) External Battery Back 1KL - 10KL: 5.0A(Default), 1-12A (Adjustable)									
WORKING ENVIRONMENT										
Ambient Temperature	0 ~ 40℃									
Ambient Humidity	20% ~ 95% (No condensation)									
Storage Temperature	-15 ~ 60℃ (Battery : 0 ~ 40℃)									
Altitude	＜1000m, derating at above 1000m, maximun 4000m, refer to IEC62040									
DISPLAY										
LCD	Working Mode / Load / Battery Power / Input / Output ect.									
STANDARD & CERTIFICATION										
Standard & Certification	EN / IEC 6100, EN / IEC 62040, GB / T4943, TD / T1095, TLC etc.									
COMUNICATION INTERFACE										
Interface	1*USB, 1*RS232, 1*EPO									
N.W(KG)	8.5	4.5	15	8	21.4	8	9.5kg,Not Include Battery Pack		10.25kg, Not Include Battery Pack	
G.W(KG)	9	5	17	9	23.2	9	11.45kg,Not Include Battery Pack		12.2kg, Not Include Battery Pack	
Machine Size(mm)W*D*H	438*385*88		438*385*88		438*505*88	438*505*88mm	Rack Mount UPS Case Size : 438*88*470 mm ; Battery Pack Case Size: 438*88*690 mm			
Package Size(mm)W*D*H	533*507*178		533*507*178		533*617*178	507*533*178	570*595*230	570*595*230	570*595*230	570*595*230
*Product Specifications are Subject to Change Without Notice.										