

# EPT-RT SERIES

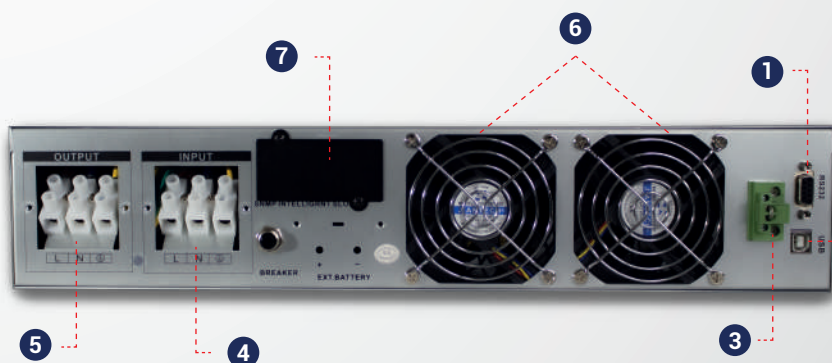
2KVA / 3KVA 120V

PF : 1.0



## FEATURES

- ▶ Rack/Tower Convertible Design
- ▶ True Online Double Conversion
- ▶ High Output power Factor at 1
- ▶ Comprehensive display allows easy monitoring and access of UPS status
- ▶ Smart SNMP works, USB or RS-232
- ▶ LCD Display May be Rotated
- ▶ Support Economic(ECO) Operation Mode
- ▶ Optional Powerful Charger
- ▶ Cold Start
- ▶ Power Shedding May Turn Off Uncritical Load in Battery Backup
- ▶ Emergency Power Off



- 1 RS232 PORT
- 2 USB PORT
- 3 EPO
- 4 Input
- 5 Output
- 6 Fan
- 7 SNMP Intelligent (Optional)

# TECHNICAL SPECIFICATIONS

Model	EPT RT - 2K	EPT RT - 3K
Rated Capacity (VA/W)	2000VA/2000W	3000VA/3000W
<b>Input</b>		
Input Formats	L+N+PE	
Rated Input Voltage	100/110/115/120/127VAC	
Voltage Range	55~150VAC, (55~85VAC, 140~150VAC power limited)	
Frequency Range	50/60±6Hz,± 10Hz (Settable), 40-70Hz	
Input Power Factor	≥0.99	
THDi	≤4%THD(linear load),≤6% THD(non-linear load)	
Input Power wire	Wiring terminal blocks	
<b>Output</b>		
Output Formats	L+N+PE	
Output Voltage	100/110/115/120/127VAC	
Output Accuracy	±1%	
Output Frequency	AC mode: same as AC, Battery mode:50/60Hz±1%	
THDv	≤2%THD(linear load),≤4V% THD(non-linear load)	
Output Waveform	Pure Sinewave	
Output Power Factor	1	
Switching Time	AC Mode to Batt. Mode:0ms,Inverter mode to Bypass mode:4ms	
Load Capacity	AC Mode: 30min@102~110% Load 10min@110~130% Load 30s@130%~150% Load 300ms@>150% Load	Battery Mode: 1min@102~110% Load 10s@110~130% Load 3s@130%~150% Load 300ms@>150% Load
Output Sockets	Terminal Blocks	
<b>Machine Efficiency</b>		
AC Mode	Full load efficiency 95.5%	Full load efficiency 95.5%
Battery Mode	Full load efficiency 91.5%@48VDC	Full load efficiency 91.5%@72VDC
<b>Charger</b>		
Battery Type	Lead acid battery,dry sealed, maintenance free with regulating valve	
Battery Quantity	12Vdc x 9Ah X 4	12Vdc x 9Ah X 6
Backup Time	70-100% load: 4 mins ; 50% load: 10mins	
Charging Current	Default 1A; 1A -12A (Optional)	
<b>Working Environment</b>		
Ambient Temperature	0°C~40°C (32°F ~ 104°F)	
Ambient Humidity	20%~95% (No Condensation)	
Storage Temperature	-15°C~60°C (Battery:0°C~40°C)	
Altitude	<1000m, Derating at above 1000m, maximum 4000m, Refer to IEC62040	
Noise	<50db	
<b>Display</b>		
LCD	Working mode/load/battery power/input/output etc.	
<b>Standards &amp; Certification</b>		
Standard & Certification	EN/IEC 61000,EN/IEC62040,GB/T4943,YD/T1095,TLC etc.	
<b>Physical</b>		
Dimension (WxLxH)	438 * 600 * 88 (mm)	
Weight (KG)	18.9Kg	24Kg
<b>Communication Interface</b>		
Interface	1*USB or 1*RS232, 1*EPO / SNMP INCLUDED	