

# RTS - DP 6KVA - 10KVA

## Dual Phase Output Galvanic Isolation Online UPS

RTS DP Series 6KVA - 10KVA (1ph in / 1ph or 2ph out)

### Key Features:

- Zero Transfer Time
- DSP Digital Control Based
- Three Level Inverter
- Galvanic Isolation between in AC input and output in all operating mode, greatly
- Capable of configuration single phase 220/240V or dual phase of 110/115/120V. Selectable 50/60Hz, excellent adapt to wide range of mains system and equipment.
- Rack mount -Tower transformable form factor with standing foot, flexible adaptive to application.
- Ultra Wide Input Mains range
- Best Loading Capability, A10 - minute 125% rated overload endurance capability, 50/60Hz automatic adaptation
- With an output power factor of up to 1.0
- Genset Compatible
- High Input Power Factor
- Brilliant LCD display (Optional)
- Reliable Design
- Open to Customization

Based on a powerful controller and an open architecture, the product can be customized to meet the needs of the integration of an automatic system or an intelligent supervisory system.



**Shenzhen UPSen Electronic CO., Ltd.**

[www.upsen.net](http://www.upsen.net)

# Technical Specification:

Rack Mount Model		RTS 6KL-DP	RTS 10KL-DP
Capacity	VA/W	6KVA / 6KW	10KVA / 10KW
Topology		Double Conversion Online UPS	
Mains Input	Wiring	1 Phase 3wires ( L / N+PE) / 2 Phase 3wires(L1+L2+PE)	
	Rated Voltage	208 / 220 / 230 / 240VAC	
	Voltage Range	90~300VAC	
	Frequency Range	40Hz-70Hz	
	Input Power Factor	≥0.99	
	Bypass Voltage Range	180~265VAC	
AC Output	Wiring	1 Phase 3wires ( L / N+PE) or Dual Phase 4wire L1/N1+L2/N2 +PE	
	Output Voltage	High Voltage 208 / 220 / 230 / 240Vac Low Voltage 110 / 120Vac	
	Voltage Regulation	±3%	
	Output Frequency	50 / 60Hz ± 4Hz (Sync Mode) / 50 / 60Hz ± 0.1%(Free Run)	
	Waveform	Pure Sine Wave	
	Distortion (THDV%)	<2%(Linear Load) <7%(None-Linear Load)	
	Over load capability	10 Min@105% ~ 125%Rated Load 60 Sec.@125%~ 150%Rated Load 0.5 Sec.@ > 150%Rated Load	
Efficiency	AC/AC Mode	94%	
	DC/AC Mode	92%	
Battery & Charger	Rated Battery Voltage	192VDC / 240VDC On-site Selectable	
	Battery Capacity	7AH For Standard Battery Module Works with up to 100AH EBM	9AH For Standard Battery Module Works with up to 100AH EBM
	Backup Time	EBM Depends	
		1EBM: 6min @100% 817mins@ 50% load 2EBM: 17min @100% 40mins@ 50% load	1EBM: 1.5min @100% 8mins@ 50% load 2EBM: 8min @100% 21mins@ 50% load
	Charging Current	2A / 4A On-site Selectable	
Physical	Chassis Style	Rack Tower Convertible	
	UPS Dimension (W*H*D)-mm	438*88(2U)*720	440*88(2U)*500
	EBM Dimension (W*H*D)-mm	440*132(3U)*500	
	UPS Net Weight(KG)	16.5	18.3
	EBM Net Weight(KG)	49KG (12V9AH * 16PCS)	
HMI	LCD Display	Input Mains Voltage, Frequency, Load level, Operation Mode, Health Status	
	Standards Communication Port	1. RS232 PORT	2. USB PORT 3. EPO / ROO 4. Intelligence Card Slot
	Optional Extension Card	SNMP Card / MODBUS Card / Relay Card	
Operating Environment Endurance	Temperature Range	-10~50°C	
	Relative Humidity	0-98% (Non-condensing)	
	Acoustics Noise	<55dB @ 1 meters	

\*Product Specifications are Subject to Change Without Notice.