

# DRAGON R/T(4.5-10KVA) 1:1Phase

## Online Double Conversion UPS

### Rack mount/Tower



DSP control

Output Power factor:0.8



PARALLEL REDUNDANCY ON-LINE UPS WITH **RACK-TOWER** CONFIGURATIONS

Simple Parallel Installation { No extra PCB require }

Full Digital Signal Processor { DSP } Control



Programmable Frequency Converter

Easy-to-Set User Personalization

Intelligent Self – Diagnostics

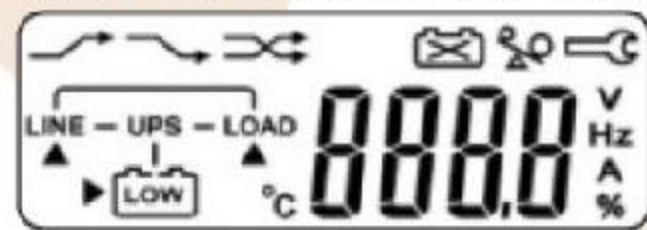
Smart Fan Control



True Double Conversion On –Line Technology

High Input Power Factor and Low Current THD

Energy-efficient UPS



LCD/LED Mimic Panel

2 X Customer Options Slots

Smart ECO Mode

I - Batt



Cold Start Function

Power Rang and Runtime Scalability

Communication Capability

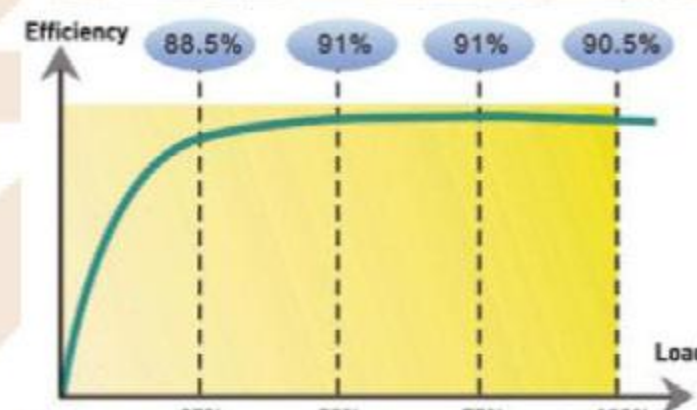
Matching Battery Cabinet Connectivity

Space-Saving Tower/Rack Convertible Design

Optional EPO function

Optional Maintenance Manual Bypass

Optional Galvanic Isolated Transformer



Model		D-R/T 4.5KVA	D-R/T 6KVA	D-R/T 10KVA
Capacity(VA/W)		4500 VA/3600W	6000VA/4800W	10000VA/8000W
Input	Voltage Range	160~280Vac		
	Frequency Range	45-55Hz±0.5Hz @50HZ or 55-65Hz±0.5Hz @60HZ		
	Phase/Wire	Single , Line +Neutral +Ground		
	Power Factor	Up to 0.99 at 100% Linear Load		
	Current THD	<6% at 100% Linear Load		
	Rated Voltage	220 VAC		
	Bypass Voltage rang	186VAC-252VAC		
	Generator	Support any generator		
Output	Voltage	200/208/220/230/240Vac Selectable		
	Phase	Single phase & Ground		
	Voltage Regulation	±2%		
	Power Factor	0.8 Lagging		
	Wave From	Sine Wave		
	Frequency	(50/60) Hz		
	Frequency Regulation	±0.2 Hz		
	Transfer Time	0 ms		
	Crest Factor	3:1		
	Efficiency (AC Mode)	Up to 90%		
	THD	≤ 3% (100%linear load ) ≤5% (100%non-linear load)		
	DC Start	Yes		
Battery	Type	Sealed Lead Acid Maintenance Free		
	Quantity	20 pcs		
	Voltage	240 Vdc		
	Charge Current(A)	2.5A/10A		
Display	Status on LED +LCD	Line Mode , Backup Mode, By pass Supply , Battery Low, Overload , test mode, Transferring with Interruption, & UPS Fault		
	Readings on LCD	Input Voltage , Input Frequency .Output Voltage , Output Frequency , Load Percentage , Battery Voltage & Inner Temperature		
Protection	Overload	<105% continuously 106% ~120% for 30 sec and transfer to bypass and warning 121%~150% for 10 sec and transfer to bypass and warning		
	Short Circuit	Yes and cut off output		
	Over heat	AC mode : Switch to Bypass Back up mode : UPS shuts down immediately		
	Battery Low	Alarm and switch off		
Alarm	Audible and Visual	Line Failure , Battery Low , Transfer to Bypass, System Fault Condition		
System	Feature	Full digital control(DSP) ,Economic operation mode(ECO) ,Wide input voltage range ,parallel ability,Charger can be extended , Divers options of accessories , intelligent management		
	Topology	True On line Double Conversion		
	MTBF	120,000 Hours		
Physical	Dimensions(WxDxH)-mm	440x543x132	440x543x132	440x680x132
	Protection degree	IP20		
	Net Weight – kg	17.5 kg	17.5 kg	26 kg
Work Environment	temperature	0°C-40°C		
	Humidity	0~95%(Non condensing)		
	Store temperature	-25°C~55°C		
	Noise	<50 dB (at 1 meter)		
Interface	Communication Interface	RS232 port ,2nd RJ-45 for parallel work ,EPO, optional (USB port , USB card , SNMP card)		
Safety Conformance	Quality Assurance	ISO9001 Certified Company		
	Safety Standard	EN62040-1,UL 1778		
	EMC Standard	EN62040-2, EN61000-3-2 ,EN 61000-3-2,Fcc Class A,EN610004-5		
	Mark	TLC/CE/UL/SGS		