

UPSERVER 2.0 UPSERVER 4.0



TECHNICAL SPECIFICATION

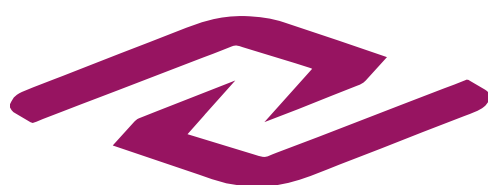
MODEL		UPServer2.0	UPServer4.0
Technology		On-line Double Conversion	
PHASE		Single phase with ground	
Capacity (VA/Watts)		2kVA /1,35kW	4kVA / 2,7kW
INPUT			
Nominal voltage		208/220/230/240Vac	
Operating voltage range (Ambient Temp. <40°C)	Low line transfer	176Vac±5% @100%-50% load; 110Vac±5% @50%-0% load;	
	Low line comeback	186Vac±5% @100%-50% load; 120Vac±5% @50%-0% load;;	
	High line transfer	264Vac±5% @100%-50% load; 300Vac±5% @50%-0% load;	
	High line comeback	254Vac±5% @100%-50% load; 290Vac±5% @50%-0% load;	
Operating frequency range**		40-70Hz	
Power factor		0.99@100% load (Nominal Input Voltage)	
Bypass voltage range		Bypass high voltage point 230-264: setting the high voltage point in LCD from 230Vac to 264Vac. (Default: 264Vac) Bypass low voltage point 170-220: setting the low voltage point in LCD from 176Vac to 220Vac. (Default: 176Vac)	
Generator input		Support	
OUTPUT			
Output voltage*		208/220/230/240Vac	
Power factor		0.7	
Voltage regulation		±1%	
Frequency	Line Mode (synchroni zed range)	46-54Hz or 56-64Hz	
	Bat. Mode	(50/60±0.1) Hz	
Crest factor		3:1	
Harmonic distortion (THDv)		≤3% THDwith linear load ≤5% THD with non linear load	
Waveform		Pure Sinewave	
Transfer time	AC mode <->Batt. mode	Zero	
	Inverter <-> bypass	4ms (Typical)	
Efficiency		88%(AC mode) 85%(DC mode)	90%(AC mode) 86%(DC mode)

BATTERY		
Battery Type	12V/9Ah	12V/7Ah
Numbers	2	4
Backup time	Long run unit depends on the capacity of external batteries	
Typical recharge time (standard modle)	4 hours recover to 90% capacity (Typical)	
Charging voltage	27.4V ±1%	54.8V ±1%
Charge current	1/2A	1/2A
SYSTEM FEATURES		
Overload	Line Mode	105%~125%: UPS transfer to bypass after 1minute when the utility is normal 125%~130%: UPS transfer to bypass after 30 seconds when the utility is normal >130%: UPS transfer to bypass immediately when the utility is normal
	Batt. Mode	105%~125%: UPS after 1minute shut down; 125%~130%: UPS after 10 seconds shut down; >130%: UPS immediately shut down;
Short Circuit	Hold Whole System	
Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately	
Low battery voltage	Alarm and Switch off	
EPO (optional)	Shut down UPS immediately	
Audible & Visual alarms	Line Failure, Battery Low, Overload, System Fault	
Comunication interface	USB (or RS232), SNMPcard (optional), Relay card (optional)	
ENVIRONMENTAL		
Operating temperature	0℃~40℃	
Storage temperature	-25℃~55℃	
Humidity range	20-90 % RH @ 0- 40℃ (non-condensing)	
Altitude	< 1500m	
Noise level	Less than 55dBA at 1 Meter	
PHYSICAL		
Dimension W×D×H (mm)	440*325*86.5	440*460*86.5
Net Weight (kg)	11.3	21.2
Type of support	Base support / Rack	
Mounting arrangement	Vertical / Horizontal	
STANDARDS		
Safety	IEC/EN62040-1,IEC/EN60950-1	
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	

* Derate to 80% of capacity when the output voltage is adjusted to 208Vac

** Derate to 75% of capacity when the Input voltage frequency out of range(50/60 \pm 4Hz)

*** Product specifications are subject to change without further notice.



Naicon

UNIT



Diloc



Elsist



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