

REVERSO 1000  
REVERSO 2000  
REVERSO 3000



TECHNICAL SPECIFICATION

MODEL		REVERSO1000	REVERSO2000	REVERSO3000
Phase		Single phase with ground		
Capacity (VA/Watts)		1000VA / 1000W	2000VA / 2000W	3000VA / 3000W
<b>INPUT</b>				
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		<p align="center"><b>Bypass high voltage point</b>  <b>230-264:</b> setting the high voltage point in LCD from 230Vac to 264Vac. (Default: 264Vac)  <b>Bypass low voltage point</b>  <b>176-220:</b> setting the low voltage point in LCD from 176Vac to 220Vac. (Default: 176Vac)</p>		
Generator input		Supported		
<b>OUTPUT</b>				
Output voltage*		208/220/230/240Vac		
Power factor		1.0		
Voltage regulation		±1%		
Frequency	Line Mode (synchronized range)	46-54Hz or 56-64Hz		
	Bat. Mode	(50/60±0.1)Hz		
Crest factor		3:1		
Harmonic distortion (THDv)		≤3% with linear load ≤5% 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)	90% (AC mode) 87% (DC mode)
<b>BATTERY</b>				
Battery Type		12V9AH		
Numbers		2	6	

Typical recharge time (standard model)	4 hours recover to 90% capacity (Typical)		
Charging voltage	27.4 ±1%	82.1 ±1%	
Charge current	1/2A		
<b>SYSTEM FEATURES</b>			
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 shutdown 125%~130%: UPS after 10 seconds shutdown >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 Switchoff		
EPO (optional)	Shut down UPS immediately		
Audible & Visual alarms	Line Failure, Battery Low, Overload, System Fault		
Communication interface	USB (or RS232), SNMP card (optional), Relay card (optional)		
<b>ENVIRONMENTAL</b>			
Operating temperature	0°C~40°C		
Storage temperature	-25°C~55°C		
Humidity range	20-90 % RH @ 0- 40°C (non-condensing)		
Altitude	< 1500m		
Noise level	Less than 50dBA at 1 Meter		
<b>PHYSICAL</b>			
Dimension WxDxH (mm)	440*325*86.5	440*600*86.5	
Net Weight (kg)	11.3	25.0	26.0
Color	Black		
Display	With physical rotation		
<b>STANDARDS</b>			
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±4Hz)

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



**Naicon**

UNIT



Diloc



Elsist



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