

# ID-900 II Series

6Kva & 10Kva  
PF 0.9



## Features

- High frequency and true double-conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110V ~ 300V)
- Output power factor 0.9
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- 50 Hz / 60 Hz frequency conversion mode available
- Selectable battery low voltage via LCD
- Power-on self test
- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatic charging in OFF mode
- Fan speed auto control when loads varies
- Standard RS232 communication port
- Optional USB / SNMP communication port
- Optional emergency power off (EPO)
- Optional extension battery bank
- Optional built-in isolation transformer
- Optional manual bypass
- Optional N+X redundancy parallel

## Rear Panel

1. AC Input
2. Modem/Tel/Fax
3. DC Input
4. Outlet
5. Fan
6. RS232
7. USB (optional)
8. EPO (optional)
9. Manual Bypass (optional)
10. SNMP/AS400 (optional)
11. Breaker
12. Parallel Card (optional)
13. BAT\_NTC (optional)





## Specifications

MODEL	ID-906 II	ID-9010 II
Capacity	6 KVA / 5400 W	10 KVA / 9000 W
<b>INPUT</b>		
Rated voltage	208 V / 220 V / 230 V / 240 Vac	
Voltage range	Half load (110 ~ 300) ± 5 Vac Full load (160 ~ 300) ± 5 Vac	
Frequency	40 ~ 70 Hz (auto-sense)	
Power factor	≥ 0.99	
Bypass voltage range	160V ~ rated output voltage +32V	
<b>OUTPUT</b>		
Voltage	208 V / 220 V / 230 V / 240 Vac (settable via LCD)	
Voltage regulation	± 1%	
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (synchronized range); 50 / 60 Hz ± 0.2 Hz (battery mode)	
Waveform	Sinusoidal	
Crest factor	3:1	
Harmonic distortion	≤ 2% (linear load); ≤ 5% (non-linear load)	
Transfer time	0 ms	
Overload capability	105% ~ 125%: transfer to bypass in 3 mins; 125% ~ 150%: transfer to bypass in 30 s; > 150%: transfer to bypass in 100 ms	
<b>EFFICIENCY</b>		
Mains mode	≥ 92%	
Battery mode	≥ 91%	
ECO mode	≥ 98%	
<b>BATTERIES</b>		
DC voltage	192 V	
Inbuilt battery of standard model	16 × 7 Ah	16 × 9 Ah
Charging current	Standard model	1 A
	Long time model	1 A / 3 A / 5 A / 8 A
Recharge time	8 h	
<b>ALARMS</b>		
Utility failure	4 s per beep	
Low battery	1 s per beep	
Overload	1 s twice beep	
UPS fault	Long beep	
<b>COMMUNICATIONS</b>		
RS232 (standard), USB (optional)	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10	
SNMP (optional)	Power management from SNMP manager and web browser	
<b>OTHERS</b>		
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)	
Noise level	≤ 55 dB (1m)	
Dimensions (W × D × H) (mm)	262 × 514 × 455 (H), 262 × 514 × 735 (S)	
Packaged dimensions (W × D × H) (mm)	365 × 605 × 610 (H), 390 × 625 × 937 (S)	
Net weight (kg)	22.1 (H), 64.1 (S)	22.8 (H), 70.8 (S)
Gross weight (kg)	25.2 (H), 72.2 (S)	25.9 (H), 78.9 (S)

● Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.  
● S means standard model, H means long time model.

● All specifications subject to change without notice.  
● Custom-made specifications are acceptable.