

DISCOVER A NEW UNIVERSES...

Astrid

ENERGY ENTERPRISES

INFINITY 3300

30-40 kVA 3/3



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TECHNICAL DATA

UPS (power - kVA)	30	40
Nominal input voltage - Vac	380 v 415 ± 10% (adjustable)	
Nominal output voltage - Vac	380v 415 (3300) (adjustable)	
Nominal output power (PF 0.8) - kVA	30	40
Nominal output power (PF 1)- kVA	24	32
Output frequency – Hz	50v60 (adjustable)	
Efficiency (AC-AC)	> 94	
UPS ambient temperature – C.	0 v 40	
Audible noise level (acc.EN50091)	< 52 dB	
Immunity (EMI)	According "EN 50091 - 2" (CE Label)	
Battery test	Automatic every month / manual	
Rectifier bridge	IGBT - low harmonic distortion <5%	
Inverter bridge	IGBT - high efficiency transformerless	
Overload capability	125% for 10' - 200% for 100 ms	
Output harmonic distortion	< 2%	
Crest factor (non linear load 75%)	3 : 1	
Dimensions LxPxH - mm	450 x 650 x 1200	



- PFC TECHNOLOGY WITH INPUT POWER FACTOR OF >0.98 AT ALL TIME
- ONLINE SYSTEM DOUBLE CONVERSION
- TRANSFORMERLESS TECHNOLOGY for Infinity series
- OUTPUT ISOLATING TRANSFORMER for Planet E - Halley E - Thetys - Hyperion - Saturn
- LOW INPUT DISTORSION
- AUTOMATIC AND MANUAL BY-PASS
- TWO-WAY STATIC SWITCH
- AUTOMATIC BATTERY TEST
- INVERTER IGBT TECHNOLOGY WITH HIGH FREQUENCY COMMUTATION
- CAPABILITY OF SUPPLYING DISTORTED LOADS, CONTAINING OUTPUT VOLTAGE DISTORTION WITH HIGH CREST FACTORS
- HIGH IMMUNITY TO EXTERNAL DISTURBANCES
- INDEPENDENT CONTROL ON THE THREE INVERTER PHASES
- RS232-RS485 INTERFACES and USB on the Infinity Series
- HIGH INSTANTANEOUS OVERLOAD CAPABILITY
- VERY ROBUST THANKS TO STEEL CABINET
- HIGH MTBF (>150.000 h)
- LOW MTTR (<0,5h)
- TECHNOLOGY BORN FOR POWERPLANTS AND OFF-SHORE PLATFORMS ON ALL PRODUCT LINES
- HIGH EFFICIENCY STARTING AT 25% LOAD WITH LOW OPERATING COSTS
- EASY INSTALLATION AND MAINTENANCE;TOTAL ACCESSIBILITY FROM THE FRONT
- REDUCED DIMENSIONS (Internal battery drawers up to 30 KVA UPS)
- EASY TO USE AND MANAGE, WITH GUIDED START-UP AND STATE-OF-THE-ART DIAGNOSTIC
- SNMP/MODBUS
- CONTROL SOFTWARE FOR WINDOWS
- TELESERVICE AVAILABLE

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