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Astrid

ENERGY ENTERPRISES

INFINITY 3100-3300

10-15-20 KVA 3/1 - 3/3

IAS

إنتجرال للنظم المتقدمة
INTEGRAL ADVANCED SYSTEMS

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الزهراء الجديدة - القاهرة ١١٣١٢ مصر

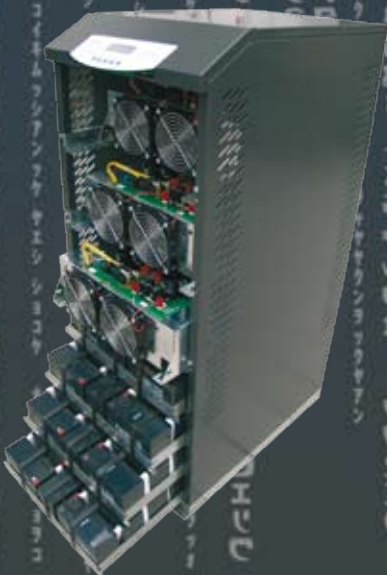
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INFINITY 3100 - 3300

10-15-20 KVA 3/1 - 3/3



TECHNICAL DATA

UPS (power - kVA)	10	15	20
Nominal input voltage - Vac	380 √ 415 ± 10% (adjustable)		
Nominal output voltage - Vac	220 √ 240 (3100) - 380 √ 415 (3300) (adjustable)		
Nominal output power (PF 0,8) - kVA	10	15	20
Nominal output power (PF 1)- kVA	8	12	16
Output frequency - Hz	50/60 (adjustable)		
Efficiency (AC-AC)	> 92	> 92	> 92
UPS ambient temperature - C°	0 √ 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		

- 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

Astrid
ENERGY ENTERPRISES

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