

....DISCOVER A NEW UNIVERSE....

Astrid

ENERGY ENTERPRISES



PLANET E

20 - 30 KVA 3/1

...CUSTOMER SATISFACTION
IS OUR STRENGTH...



PLANET E

20 - 30 kVA 3/1

TECHNICAL DATA

UPS (power - kVA)	20	30
Nominal input voltage - Vac	380 √ 415 ± 10% (adjustable)	
Nominal output voltage - Vac	220 √ 240 (adjustable)	
Nominal output power (PF 0,8) - kVA	20	30
Nominal output power (PF 1)- kVA	16	24
Output frequency – Hz	50/60 (adjustable)	
Efficiency (AC-AC)	> 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	SCR 6 pulses (12 pulses optional)	
Inverter bridge	IGBT with isolation transformer	
Overload capability	125% for 10' - 200% for 100 ms	
Output harmonic distortion	< 2 %	
Crest factor (non linear load 75%)	3 : 1	
Dimensions LxPxH - mm	690 x 865 x 1340	



- ONLINE SYSTEM DOUBLE CONVERSION
- OUTPUT ISOLATING TRANSFORMER
- 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
- 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)
- 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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