

...SCOPRI UN NUOVO UNIVERSO...

Astrid

ENERGY ENTERPRISES



THETYS

100-125-150 KVA 3/3

...LA NOSTRA FORZA
È LA SODDISFAZIONE
DEL CLIENTE...



THETYS

100-125-160 KVA 3/3

TECHNICAL DATA

UPS (power - kVA)	100	125	160
Nominal input voltage - Vac	400 V +10% -20%		
Nominal output voltage - Vac	380 √415 (adjustable)		
Nominal output power (PF 0,8) - kVA	100	125	160
Nominal output power (PF 1)- kVA	80	100	128
Efficiency (AC-AC)	> 93		
UPS ambient temperature – C°	0 √ 40		
Audible noise level (acc.EN50091) dB	<59	<59	-59
Immunity (EMI)	According "EN 50091 - 2" (CE Label)		
Battery test	Included as a standard		
Rectifier bridge	IGBT - low harmonic distortion		
Inverter bridge	IGBT with isolation transformer		
Overload capability	125% for 10' - 200% for 100 ms		
Output harmonic distortion linear load	< 2 %		
Output harmonic distortion non linear	< 5 %		
Crest factor (non linear load)	3 : 1		
Dimensions LxPxH - mm	815x820x1670		



- ONLINE SYSTEM DOUBLE CONVERSION
- OUTPUT ISOLATING TRANSFORMER
- 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
- HIGH INSTANTANEOUS OVERLOAD CAPABILITY
- VERY ROBUST THANKS TO STEEL CABINET
- HIGH MTBF (>150.000 h)
- LOW MTR (<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
- 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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