



**Proud To Be  
Manufactured-  
IN THE UK**



**AP350/S-AP500/S, Three Phase, 350-500 kVa**

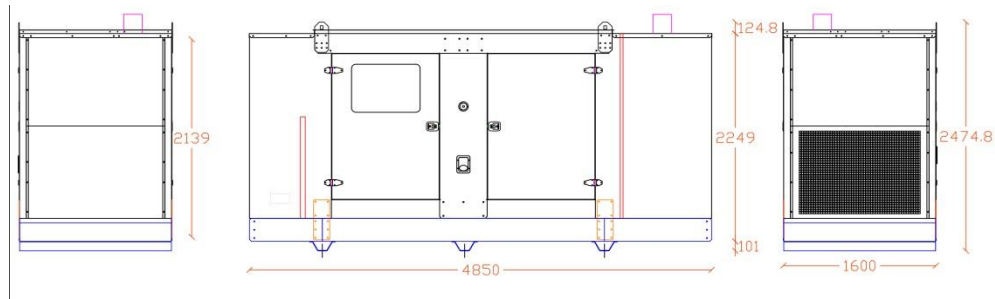
Generator Ratings (Prime/Standby)						
Model	Prime Power		Standby Power		RPM	Power Factor
	KVA	KW	KVA	KW		
<b>Three Phase Models</b>						
AP350/S	350	280	385	308.0	1500	0.8
AP400/S	400	320	440	352.0	1500	0.8
AP450/S	450	360	495	396.0	1500	0.8
AP500/S	500	400	550	440.0	1500	0.8

\*Single Phase models available, contact us

**MODEL NUMBER EXAMPLE:**  
**AP400 OPEN TYPE & AP450S SOUNDPROOFED**  
 AP - 'Alpha Series with Perkins Engine'



## SOUNDPROOFED CANOPY & BASE FRAME



### QUALITY MATERIALS & WORKMANSHIP

Galvanised steel canopy & base frame
Galvanised fixings
Powder coating base & canopy
Multi-density polyester soundproofing material - Fire resistant Class 1
Canalised air-flow intake outlets equipped with water & sand traps
Lift hooks/Forklift space strong enough to support whole genset.
Large base fuel tanks to support long running
Residential exhaust muffler mounted inside canopy - Noise reduction of 38db (A)
Residual noise level of 65db (A) at 7m (Soundproofed)

### ACCESS & MAINTAINANCE

Large doors for easy servicing
Removable doors
Radiator filling point (UK Standard)
Colour coded wiring looms
Measure parameters via DSE control modules

### SAFETY, SECURITY & TRANSPORTATION

High quality door locks with keys included
Residential exhaust muffler mounted inside canopy
Warning & hazard labels
Operation manuals included
Battery isolation switch included
Emergency stop fitted
Compact maximize container space
Test & Pre delivery inspection
Carefully packaged for delivery

### UK & EU COMPONENTS

Reliable EU batteries
European main circuit breakers
Deep Sea Electronics 4000 & 7000 series control modules
CPS Manufactured wiring looms and control boxes
External fuel gauge & emergency stop
Deep Sea Electronics battery charger (optional)
Wired for cold weather start (UK Standard)

### Dimensions & Weights

Model	Canopied Dimensions				Open Type Dimensions			
	Length	Width	Height	Weight KG	Length	Width	Height	Weight KG
<b>Three Phase Models</b>								
AP350/S	4850	1600	2474	4000	3100	1130	2150	3600
AP400/S	4850	1600	2474	4200	3100	1130	2150	3700
AP450/S	4850	1600	2474	4900	3390	1130	2230	3900
AP500/S	4850	1600	2474	4900	3390	1130	2230	3900

Fuel Consumption & Sound Levels						
Model	Tank L	Fuel Consumption (L/Hour)			Soundproofed Canopy dBA Ratings (75%)	
		110%	100%	75%	7M	1M
<b>Three Phase Models</b>						
AP350/S	400	80	77	54	65	74
AP400/S	400	90	89	81	65	74
AP450/S	400	104	95	72	65	74
AP500/S	400	111	100	76	65	74

Engine Technical Data								
Model	Engine Brand	Engine Model	Induction	Cooling	Governor Type	Compression Ratio	Displacement	Oil Capacity
<b>Three Phase Models</b>								
AP350/S	Perkins	2206A-E13TAG2	Turbo Charged	Water-Cooled	Electronic	16.3.1	12.5	40
AP400/S	Perkins	2206A-E13TAG3			Electronic	16.3.1	12.5	40
AP450/S	Perkins	2506A-E15TAG1			Electronic	16.1	15.2	62
AP500/S	Perkins	2506A-E15TAG2			Electronic	16.1	15.2	62

Alternator Technical Data								
Model	MeccAlte				Stamford			
	Model	Bearings	Winding Pitch	Wires	Model	Bearings	Winding Pitch	Wires
<b>Three Phase Models</b>								
AP350/S	ECO38-3L/N	1	2/3	12	HC444E	1	2/3	12
AP400/S	ECO40-1S	1	2/3	12	HC444F	1	2/3	12
AP450/S	ECO40-2S	1	2/3	12	HC544C	1	2/3	12
AP500/S	ECO40-3S	1	2/3	12	HC544C	1	2/3	12

*Whilst we will endeavor to ensure all of our specification is correct, inline with our policy of developing and improving our product range we reserve the right to change specification without notice.*

## AMF Control Module (Standard)

### DEEP SEA ELECTRONICS

Deep Sea Electronics is one of the world's top manufacturers of generator control, auto transfer switch and battery charger equipment.

#### DSE4520 AUTO MAINS FAILURE CONTROL MODULE

The DSE4520 is a compact Auto Mains (Utility) Failure Control Module that has been developed to provide an outstanding range of features within a compact enclosure.



Easy operation
Large back-lit icon based display
3-phase generator sensing
Generator & load power monitoring (kW, kV A, kV Ar, pf)
Generator overload protection (kW)
Configurable inputs & outputs
Fuel and start outputs
Fuel & crank outputs
Magnetic pick-up speed sensing
Engine speed protection, engine hours counter, engine pre-heat, engine run-time scheduler, engine idle control for start/stop
Battery voltage monitoring

#### DSE7420 AUTO MAINS FAILURE CONTROL MODULE

The DSE7420 is a sophisticated mono display auto mains (utility) control module packed with industry leading features to enhance single-set control. The module can be used across a wide range of diesel and gas gen-set applications



CAN and magnetic pick-up sensing.
Configurable inputs/outputs (11/8).
Fuel usage monitor and low level alarms.
Remote communications (RS232, RS485, Ethernet, Modbus, RTU/TCP).
Integral PLC editor.
Power monitoring (kW h, kVAr, kv Ah, kV Ar h), reverse power protection, kW overload protection
Load switching, load shedding & dummy load outputs.
Data logging (HDD/USB).
DSE Configuration Suite PC Software.
Tier 4 CAN engine support.
& Many more

Deep Sea Electronics control modules have a wide range of advanced features, expansion boards and configuration options to suit the most demanding applications.

<b>OPTIONAL ACCESSORIES</b>
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<b>OPERATION:</b>
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Automatic Transfer Switches
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Manual Transfer Switches
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Automatic Fuel Transfer
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External Plug Sockets
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<b>SERVICE &amp; MAINTAINANCE</b>
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Minor & Major Service Parts
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Service Contracts (UK Customers)
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<b>CONTROL:</b>
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GSM Modem
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Remote Control Start
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<b>FURTHER OPTIONS:</b>
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*Fuel Tanks - External / Large / Underground
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*Be-Spoke Canopies (Including Colour)
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*Slow/Fast Trailer
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Synchronizing Kit
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& Many More
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[www.EcoPowerSupplies.com](http://www.EcoPowerSupplies.com)