



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



**AP600/S-AP650/S, Three Phase, 600-650 kVa**

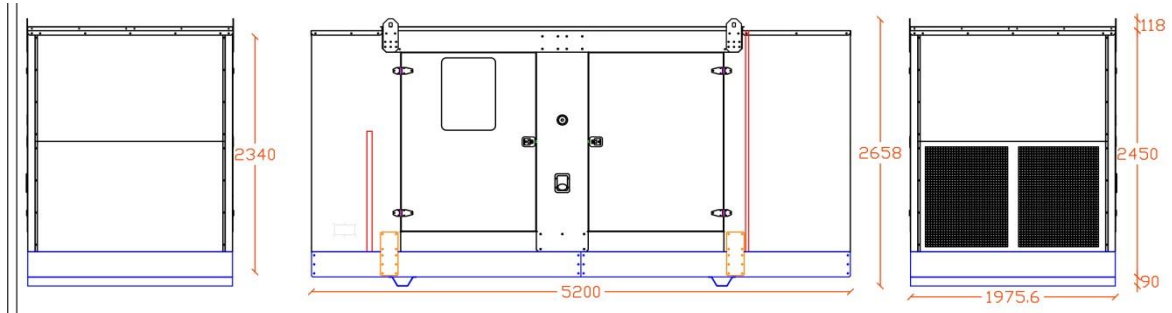
Generator Ratings (Prime/Standby)						
Model	Prime Power		Standby Power		RPM	Power Factor
	KVA	KW	KVA	KW		
<b>Three Phase Models</b>						
AP600/S	600	480	660	528.0	1500	0.8
AP650/S	650	520	715	572.0	1500	0.8

\*Single Phase models available, contact us

**MODEL NUMBER EXAMPLE:**  
 AP600 OPEN TYPE & AP650S 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 68db (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>								
AP600/S	5200	1975.6	2658	5800	3400	1540	2270	4700
AP650/S	5200	1975.6	2658	5800	3400	1540	2270	4700

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>						
AP600/S	600	134	123	90	68	78
AP650/S	600	143	132	97	68	78

Engine Technical Data								
Model	Engine Brand	Engine Model	Induction	Cooling	Governor Type	Compression Ratio	Displacement	Oil Capacity
<b>Three Phase Models</b>								
AP600/S	Perkins	2806A-E18TAG1A	Turbo Charged	Water-Cooled	Electronic	14.5.1	18.1	62
AP650/S	Perkins	2806A-E18TAG2			Electronic	14.5.1	18.1	62

Alternator Technical Data								
Model	MeccAlte				Stamford			
	Model	Bearings	Winding Pitch	Wires	Model	Bearings	Winding Pitch	Wires
<b>Three Phase Models</b>								
AP600/S	ECO40-1.5L	1	2/3	12	HC544E	1	2/3	12
AP650/S	ECO40-2L	1	2/3	12	HC544F	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. Please always confirm our specification with your local dealer.*

## 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)