



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



**AP9/S-AP20/S, Three Phase, 9-20 kVa  
AP8/S-AP18/S, Single Phase, 8-18 kVa**

Generator Ratings (Prime/Standby)						
Model	Prime Power		Standby Power		RPM	Power Factor
	KVA	KW	KVA	KW		
<b>Three Phase Models</b>						
AP9/S	9	7.2	9.9	7.9	1500	0.8
AP13/S	13	10.4	14.3	11.4	1500	0.8
AP20/S	20	16	22	17.6	1500	0.8
<b>Single Phase Models</b>						
AP8/S	8	6.4	8.8	7	1500	0.8
AP11.5/S	11.5	9.2	12.7	10.1	1500	0.8
AP13/S	13	10.4	14.3	11.4	1500	0.8
AP18/S	18	14.4	19.8	15.8	1500	0.8

**MODEL NUMBER EXAMPLE:**  
**AP9 OPEN TYPE & AP9S 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 62db (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

9-20kVa suitable for double stacking to maximize  
container space

Test & Pre delivery inspection

Carefully packaged for delivery

### UK & EU COMPONENTS

Reliable EU batteries

European main circuit breakers

Deep Sea Electronics 3000 & 4000 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>								
AP9/S	1900	750	1370	650	1250	710	1130	400
AP13/S	1900	750	1370	750	1250	710	1130	500
AP20/S	1900	750	1370	850	1360	710	1180	600
<b>Single Phase Models</b>								
AP8/S	1900	750	1370	650	1250	710	1130	400
AP11.5/S	1900	750	1370	650	1250	710	1130	400
AP13/S	1900	750	1370	750	1250	710	1130	500
AP18/S	1900	750	1370	850	1360	710	1180	600

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>						
AP9/S	50	3.6	3	2.3	62	71
AP13/S	50	4.1	3.7	2.8	63	72
AP20/S	50	6.1	5.3	4	64	73
<b>Single Phase Models</b>						
AP8/S	50	3.6	3	2.3	62	71
AP11.5/S	50	4.1	3.7	2.8	63	72
AP13/S	50	4.1	3.7	2.8	64	73
AP18/S	50	6.1	5.3	4	64	73

Engine Technical Data								
Model	Engine Brand	Engine Model	Induction	Cooling	Governor Type	Compression Ratio	Displacement	Oil Capacity
<b>Three Phase Models</b>								
AP9/S	Perkins	403A-11G1	Naturally Aspirated	Water-Cooled	Mechanical	23.1	1.1	4.9
AP13/S	Perkins	403A-15G1				22.5.1	1.5	6
AP20/S	Perkins	404A-22G1				23.3.1	2.2	10.6
<b>Single Phase Models</b>								
AP8/S	Perkins	403A-11G1	Naturally Aspirated	Water-Cooled	Mechanical	23.1	1.1	4.9
AP11.5/S	Perkins	403A-15G1				22.5.1	1.5	6
AP13/S	Perkins	403A-15G2				22.5.1	1.5	6
AP18/S	Perkins	404A-22G				23.3.1	2.2	10.6

*\*D emissions engine can be supplied*

Alternator Technical Data								
Model	MeccAlte				Stamford			
	Model	Bearings	Winding Pitch	Wires	Model	Bearings	Winding Pitch	Wires
<b>Three Phase Models</b>								
AP9/S	ECP3-1LN/4	1	2/3	12	PI044E	1	2/3	12
AP13/S	ECP-2LN/4	1	2/3	12	PI044G	1	2/3	12
AP20/S	ECO28-M/4	1	2/3	12	PI144D	1	2/3	12
<b>Single Phase Models</b>								
AP8/S	ECP3-1LN/4	1	2/3	12	PI044F	1	2/3	12
AP11.5/S	ECO28-M/4	1	2/3	12	PI144D	1	2/3	12
AP13/S	ECO28-2L/4	1	2/3	12	PI144E	1	2/3	12
AP18/S	ECO28-2L/4	1	2/3	12	PI144G	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.*

## Auto Start/ Manual Control Panel (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.

#### DSE3110 MANUAL/ AUTO START CONTROL MODULE

The DSE3110 is an outstanding compact control module that provides a comprehensive range of features for single-set applications. The controller can be used in manual or auto start mode.



Easy operation, push button start
Large back-lit icon LCD display
Configurable timers & alarms
Engine pre-heat
Remote start input
Standard engine and electronic CANbus variants. Works with DSE Configuration Suite PC Software

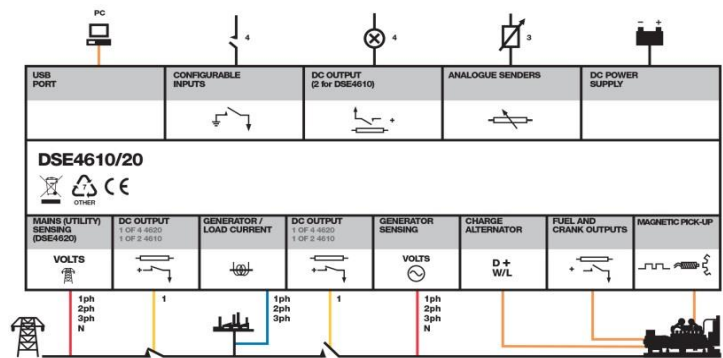
#### DSE4620 AUTO MAINS FAILURE CONTROL MODULE (OPTIONAL)

The DSE4620 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

Deep Sea Electronics control modules have a wide range of advanced features, expansion boards and configuration options to suit the most demanding applications. Meaning we can offer you a huge range of accessories and a product to suit your needs.



<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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& Many More
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[www.EcoPowerSupplies.com](http://www.EcoPowerSupplies.com)