



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



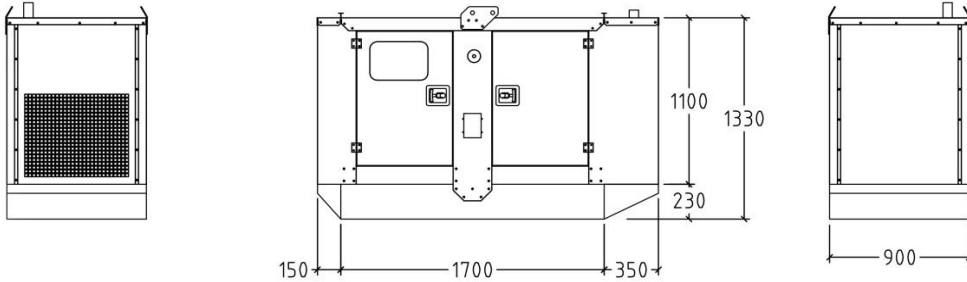
**AP30/S-AP60/S, Three Phase, 30-60 kVa
AP21/S-AP40/S, Single Phase, 21-40 kVa**

Generator Ratings (Prime/Standby)						
Model	Prime Power		Standby Power		RPM	Power Factor
	KVA	KW	KVA	KW		
Three Phase Models						
AP30/S	30	24	33	26.4	1500	0.8
AP45/S	45	36	49.5	39.6	1500	0.8
AP60/S	60	48	66	52.8	1500	0.8
Single Phase Models						
AP21/S	21	16.8	23.1	18	1500	0.8
AP28/S	28	22.4	30.8	24.6	1500	0.8
AP40/S	40	32	44	35.2	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 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 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
Three Phase Models								
AP30/S	2200	900	1330	1100	1550	750	1310	800
AP45/S	2200	900	1330	1350	1640	750	1420	1000
AP60S	2200	900	1330	1350	1640	750	1420	1000
Single Phase Models								
AP21/S	2200	900	1330	1100	1550	750	1310	800
AP28/S	2200	900	1330	1100	1640	750	1420	1000
AP40/S	2200	900	1330	1350	1640	750	1420	1000

Fuel Consumption & Sound Levels						
Model	Tank L	Fuel Consumption (L/Hour)			Soundproofed Canopy dBA Ratings (75%)	
		110%	100%	75%	7M	1M
Three Phase Models						
AP30/S	100	8.1	7.2	5.61	65	74
AP45/S	100	11.7	10.8	8.23	65	74
AP60S	100	15.9	14.6	10.8	65	74
Single Phase Models						
AP21/S	100	8.1	7.2	5.61	65	74
AP28/S	100	8.1	7.2	5.61	65	74
AP40/S	100	11.7	10.8	8.23	65	74

Engine Technical Data								
Model	Engine Brand	Engine Model	Induction	Cooling	Governor Type	Compression Ratio	Displacement	Oil Capacity
Three Phase Models								
AP30/S	Perkins	1103A-33G	Naturally Aspirated	Water-Cooled	Mechanical	19.25:1	3.3	8.3
AP45/S	Perkins	1103A-33TG1				17.25:1	3.3	8.3
AP60S	Perkins	1103A-33TG2				17.25:1	3.3	8.3
Single Phase Models								
AP21/S	Perkins	1103A-33G	Naturally Aspirated	Water-Cooled	Mechanical	19.25:1	3.3	8.3
AP28/S	Perkins	1103A-33G				19.25:1	3.3	8.3
AP40/S	Perkins	1103A-33TG1				17.25:1	3.3	8.3

****D emissions engine can be supplied***

Alternator Technical Data								
Model	MeccAlte				Stamford			
	Model	Bearings	Winding Pitch	Wires	Model	Bearings	Winding Pitch	Wires
Three Phase Models								
AP30/S	ECP28-VL/4	1	2/3	12	PI144G	1	2/3	12
AP45/S	ECP32-1L/4	1	2/3	12	UC224D	1	2/3	12
AP60S	ECO32-2L/4	1	2/3	12	UC224E	1	2/3	12
Single Phase Models								
AP21/S	ECP32-2S/4	1	2/3	12	PI144G	1	2/3	12
AP28/S	ECP32-1L/4	1	2/3	12	PI144K	1	2/3	12
AP40/S	ECP34-3L/4	1	2/3	12	UC224D	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.

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

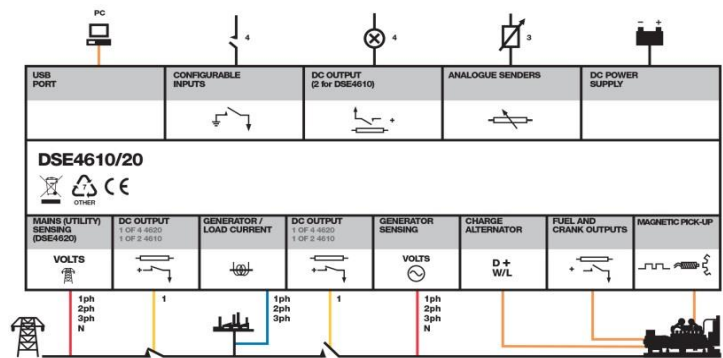
DSE4620 AUTO MAINS FAILURE CONTROL MODULE (OPTIONAL)

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.



OPTIONAL ACCESSORIES

OPERATION:

Automatic Transfer Switches

Manual Transfer Switches

Automatic Fuel Transfer

External Plug Sockets

SERVICE & MAINTAINANCE

Minor & Major Service Parts

Service Contracts (UK Customers)

CONTROL:

GSM Modem

Remote Control Start

FURTHER OPTIONS:

*Fuel Tanks - External / Large / Underground
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*Be-Spoke Canopies (Including Colour)

*Slow/Fast Trailer

& Many More



www.EcoPowerSupplies.com