

Water Cooled



Three Phase



50Hz



Non-Compliant

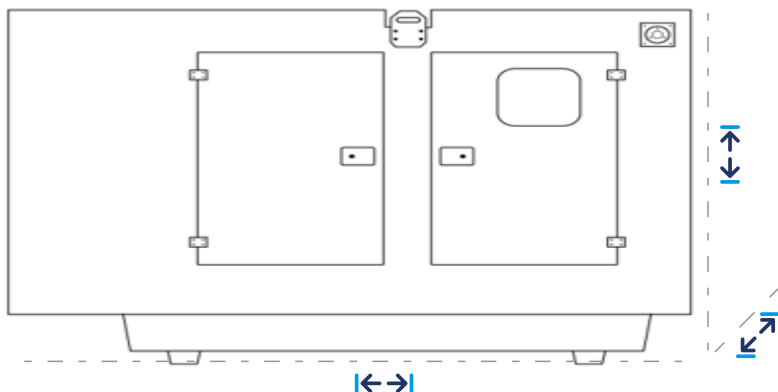


Diesel

	Generator Ratings (Prime/Standby)		
	AP600/S	AP650/S	AP700/S
PRIME POWER:	600 kVA 480 kW	650 kVA 520 kW	700 kVA 560 kW
STANDBY POWER:	660 kVA 528 kW	715 kVA 572 kW	770kVA 616 kW
RPM:	1500	1500	1500
POWER FACTOR:	0.8	0.8	0.8

CPS Alpha AP Series – With Perkins Engines coupled to Stamford or Meccalte Alternators.
Our diesel generators are available as an opentype or built in to soundproof canopies.
Please contact CPS on +44 (0) 1757 428 140 for full specification and details.

CANOPY GENERATORS



Dimensions & Weights			
	AP600/S	AP650/S	AP700/S
↔	5000	5000	5000
↖↗	1800	1800	1800
↑↓	2450	2450	2450
⚖	5800	5800	5800



UK / EU Components.

Security and Safety

- Control panel viewing window in a lockable access door
- Emergency stop push button mounted on enclosure exterior.
- Internal Fuel filling point and mechanical fuel gauge for safety and environmental purposes.
- Large base tank, to support longer running times.
- Industrial exhaust muffler with rain cap.

Excellent Service and Maintenance Access

- Large doors for easy servicing
- Radiator filling point on the roof (UK Standard)
- Colour coded wiring looms.

Transportability

- Lift hooks/Forklift space strong enough to support whole generator.

Key Features:



As standard all our units come with an **Emergency Stop Button** on the outside, for health and safety reasons.



Large base tank to support longer running times.



Lifting hooks, strong enough to support the generator when lifting, and doesn't protrude higher than the canopy roof.

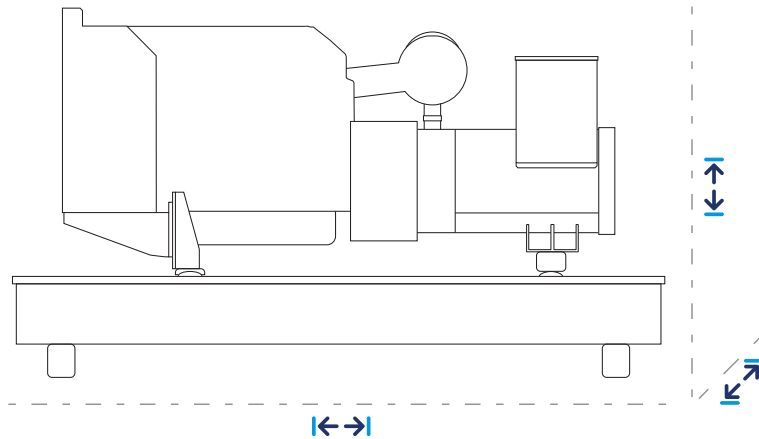


Water Filling Point on the roof, to make easy access point for water

AP600/S – AP 700/S

Three Phase, 600–700 kVa

OPEN TYPE GENERATORS



Dimensions & Weights			
	AP600/S	AP650/S	AP700/S
↔	3400	3400	5200
↗↘	1540	1540	1975
↑↓	2270	2270	2675
KG	4700	4700	5800



Key Features

- Skid base manufactured from high grade steel
- Colour coded wiring looms (to aid maintenance)
- High quality, noise reducing silencer
- Anti vibration mounts, for the engine and alternator
- Mechanical fuel gauge for ease of checking
- Large robust fuel tank to provide a minimum of 8 hour operation time

- Easy fuel filling point
- Forklift space strong enough to support whole generator.

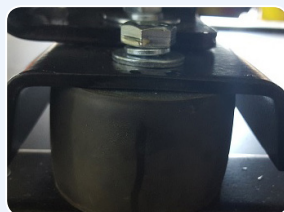
Security and Safety

- Lockable control panel
- Emergency stop button
- Cooling fan and battery charging alternator fully guarded.

Type Features:



External Fuel Gauge allows for easy monitoring and filling.



UK Anti-Vibration Mounts, for the engine and alternator, to ensure the longevity of your generator.



High quality, noise reducing **Silencer**.



Large robust **fuel tank** to provide a minimum of 8 hour operation time (5-690kva)

AP600/S – AP 700/S

Three Phase, 600–700 kVa

Fuel Consumption & Sound Levels				
		AP600/S	AP650/S	AP700/S
TANK CAPACITY: *Open Type may vary:		830	830	600
FUEL CONSUMPTION: (Litres per Hour)	110%	134	143	143
	100%	123	132	132
	75%	90	97	97
SOUNDPROOFED CANOPY dBA RATINGS: (75%)	7M	69	69	68
	1M	82	82	80

	Engine Technical Data		
	AP600/S	AP650/S	AP700/S
ENGINE BRAND:	Perkins	Perkins	Perkins
ENGINE MODEL:	2806A-E18TAG1A	2806A-E18TAG2	2806A-E18TAG4
INDUCTION:	Turbo Charged	Turbo Charged	Turbo Charged
COOLING:	Water Cooled	Water Cooled	Water Cooled
GOVERNOR TYPE:	Electronic	Electronic	Electronic
CYLINDER:	6	6	6
BORE STROKE (MM):	145 x 183	145 x 183	145 x 183
COMPRESSION RATIO:	14.5.1	14.5.1	14.5.1
DISPLACEMENT (L):	18.1	18.1	18.1
OIL CAPACITY (L):	62	62	62

Alternator Technical Data				
		AP600/S	AP650/S	AP700/S
ALTERNATOR MODEL:	MeccAlte	ECO40-1.5L	ECO40-2L	ECO40-VL
	Stamford	S5L1D-E4	S5L1D-F4	S5L1D-H4
BEARINGS:		1	1	1
WINDING PITCH:		2/3	2/3	2/3
WIRES:		12	12	12
CLASS:		H	H	H
VOLTAGE REGULATOR:		AVR	AVR	AVR
PROTECTION :		IP23	IP23	IP23

AUTO START / MANUAL CONTROL PANEL (STANDARD)

Deep Sea Electronics is one of the world's top manufacturers of generator control, auto transfer switch and battery charger equipment. They employ over 120 people on four continents and supply Constant Power Solutions from their U

duction plant.



DSE4520 Manual Control Module

Please see Deep Sea PLC Control Module brochure for full



DSE4520 Auto Mains Failure Control Module

Please see Deep Sea PLC Control Module brochure for full



DSE7000 Series – Auto Mains Failure Control Module

Please see Deep Sea PLC Control Module brochure for full

OPTIONAL ACCESSORIES

Operation:

- Automatic Transfer Switches
- Manual Transfer Switches
- Automatic Fuel Transfer
- External Plug Sockets

Service & Maintenance:

- Minor & Major Service Parts
- Service Contracts (UK Customers)

Control:

- GSM Modem
- Remote Control Start

Further Options:

- Fuel Tanks – External/Large/Underground
- Bespoke Canopies (including Colour)
- Slow/Fast Trailer
- & Many More

GENERATOR ESSENTIAL SERVICE PARTS

As well as stocking a huge range of CPS Diesel generator parts, our CPS essential parts division supplies parts for all major brands and can dispatch them anywhere in the world – 24hrs a day, 7 days a week.



Your local dealer:

Constant Power Solutions Ltd
www.cps-generators.com