



Water Cooled



Three Phase



50Hz



Non-Compliant



Diesel

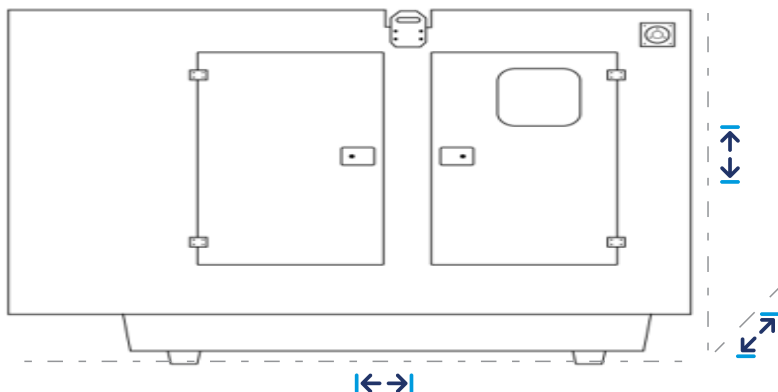
	Generator Ratings (Prime/Standby)		
	AP300/S	AP350/S	AP400/S
PRIME POWER:	300 kVA 240 kW	350 kVA 280 kW	400 kVA 320 kW
STANDBY POWER:	330 kVA 264 kW	380 kVA 304 kW	440 kVA 352 kW
RPM:	1500	1500	1500
POWER FACTOR:	0.8	0.8	0.8

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

AP300/S – AP400/S

Three Phase, 300–400 kVa

CANOPY GENERATORS



Dimensions & Weights			
	AP300/S	AP350/S	AP400/S
↔	4000	4500	4500
↙↘	1300	1500	1500
↑↓	2050	2400	2400
⚖	3500	4000	4200



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.

Specific Canopy 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.

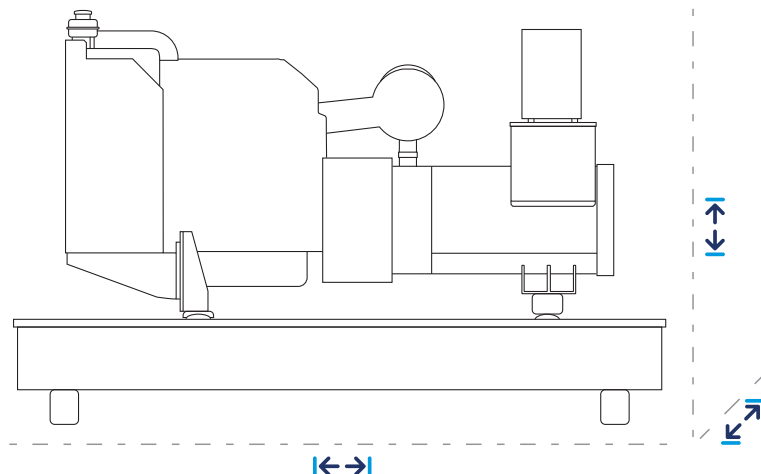


Water Filling Point on the roof, to make easy access point for water

AP300/S – AP400/S

Three Phase, 300–400 kVa

OPEN TYPE GENERATORS



Dimensions & Weights			
	AP300/S	AP350/S	AP400/S
I↔→I	2750	3100	3100
↙↘	1110	1130	1130
↑↓	1860	2150	2150
KG	3400	3600	3700



UK / EU Components.

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.

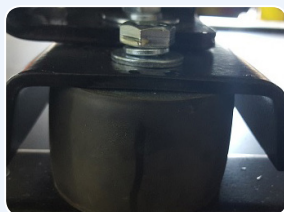
Security and Safety

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

Specific Open Type Features:



External Fuel Gauge allows for easy monitoring and



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)

AP300/S – AP400/S

Three Phase, 300–400 kVa

Fuel Consumption & Sound Levels				
		AP300/S	AP350/S	AP400/S
TANK CAPACITY: *Open Type may vary:		380	560	560
FUEL CONSUMPTION: (Litres per Hour)	110%	66	80	90
	100%	61	77	89
	75%	47	54	81
SOUNDPROOFED CANOPY dBA RATINGS: (75%)	7M	69	69	69
	1M	82	82	82

	Engine Technical Data		
	AP300/S	AP350/S	AP400/S
ENGINE BRAND:	Perkins	Perkins	Perkins
ENGINE MODEL:	1506A-E88TAG5	2206A-E13TAG2	2206A-E13TAG3
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):	112 x 149	130 X 157	130 X 157
COMPRESSION RATIO:	17.2:1	16.3:1	16.3:1
DISPLACEMENT (L):	8.8	12.5	12.5
OIL CAPACITY (L):	36	40	40

Alternator Technical Data				
		AP300/S	AP350/S	AP400/S
ALTERNATOR MODEL:	MeccAlte	ECO38-2L/N	ECO38-3L/N	ECO40-1S
	Stamford	S4L1D-D	S4L1D-E	S4L1D-F
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 UK head office and production 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