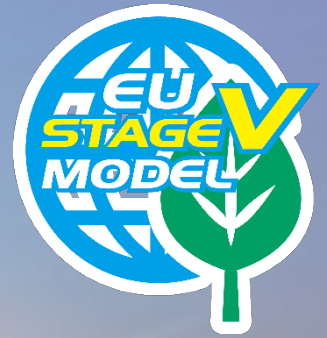


# Engine-Driven Generator

<ULTRA SILENT TYPE>

# DCA-18USEY5

**Denyo**



LWA  
**82dB**



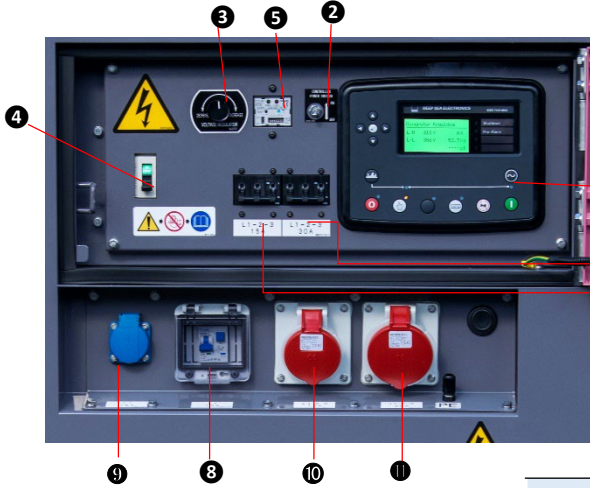
**MANUAL & AUTO - START GENERATOR  
CONTROLLER (DSE7310MK II)**

## Quiet Operation

The Ultra Soundproof Type DCA-18USEY5 in particular features a low-noise engine, low-noise fan, the addition of a silencer, and special structures such as changes to the hood shape, which create a low noise level similar to that of a quiet office.

Noise comparison (7m/no load) Unit: dB(A)	
Residential area at night	40
Quiet office	50
DCA-US Series	53
Voice during normal conversation	60
DCA-ES Series	58-65
Typical office	70
Inside a train	80
Noisy factory	90
Under a girder bridge	100

# Control Panel with Outstanding Usability



DCA-18USEY5 feature a functional panel layout that can be easily operated even by first-time user.

- ① MANUAL & AUTO – START GENERATOR CONTROLLER (DSE 7310MK II)
- ② CONTROL POWER SWITCH
- ③ VOLTAGE REGULATOR
- ④ Circuit Breaker (For main)
- ⑤ EARTH LEAKAGE RELAY
- ⑥ CIRCUIT BREAKER (For 3-Phase Receptacle 30A)
- ⑦ CIRCUIT BREAKER (For 3-Phase Receptacle 15A)
- ⑧ CIRCUIT BREAKER (For 1-Phase Receptacle 16A)
- ⑨ 1-PHASE RECEPTACLE (16A)
- ⑩ 3-PHASE RECEPTACLE(15A)
- ⑪ 3-PHASE RECEPTACLE (30A)

## Easy Access and Service

Routine maintenance is easy with DCA-18USEY5. Engine oil, the battery, and coolant are all checked at one location. When conducting repairs or maintenance, the fuel tank comes in and out easily for cleaning by removing the front cover. The radiator can also be cleaned easily.



## Eco Friendly

- Compliant with the EU's Emission Regulation 2016/1628 (Stage-V).
- An environmental base catches spilled fuel and oil and stop it from leaking out of the generator
- Accumulated fuel and oil can be discharged through a drain with a single touch.



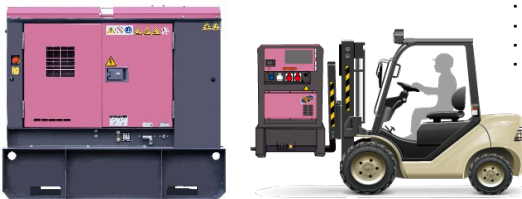
## Safety

- 4 Pole Main Circuit Breakers
- Warning lamp indicates on the generator controller when something is wrong or automatically shuts the engine down.
- Engine shuts down when door opens.
- Emergency stop button.



## Option

- Fork Pocket Type\*
- Big Tank for 24 hours operation
- Battery Switch
- Customized Color
- \*About other options, please consult us



-In line with our policy of continuous development, we reserve the right to change specification without notice.  
-Always follow the Operation Manual when storing, transporting, and operating the machine.

MODEL	3-PHASE TYPE (Ultra Silent)
	DCA-18USEY5

### AC Generator

Frequency	Hz	50
Output Rating kVA	Prime	17
	Standby	17.5
No. of Poles		4
No. of Phases		3
Rated Voltage	V	380/400/415
Power Factor		0.8(Lagging)
Voltage Regulation	%	Within ± 0.5
Excitation		Brushless rotating exciter (with AVR)
Insulation		Class F

### Engine(4-cycle,water-cooled diesel engine

Model	Yanmar 4TNV88	
Type	Direct injection type	
Rated Output	kW	17.2
Rated Speed	min <sup>-1</sup>	1500
No. of Cylinders		4
Bore x Stroke	mm	88x90
Displacement	L	2.189
Fuel	ASTM No.2 diesel fuel or equivalent	
Fuel tank Capacity	L	92
Fuel Consumption	L/h	3.1
Lube Oil Capacity	L	7.4
Coolant Capacity	L	6.7
Battery×Quantity	80D26R×1	

### Dimensions, Weight and Sound Power Level

Dimensions	Length	mm	1635
	Width	mm	860
	Height	mm	1337
Dry Weight		Kg	765
Sound Power Level	LwA	dB	82

- Prime output rating applicable for an unlimited number of annual operating hours in variable load applications in accordance with ISO8528-1
- Standby output rating applicable for supplying emergency power in variable load applications in accordance with ISO8528-1
- Fuel consumption is based on operation at 75% load.
- Sound power level (Lwa) is at 50Hz 75% Prime power.
- Colors of products would be different from printed ones of catalogues.
- Specifications given herein are subject to change without notice.

 **Denyo Europe B.V.**

Naamrijk 1,3454 PX De Meern, The Netherlands

Tel: 31-30-666-8314 Fax: 31-30-662-2150

<http://www.denyo.co.jp/group/europe>