



## ESE 100 DW-RL PRO

Order No. **355355**

### Main features

|                                  |                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Light source / lamps             | 2x LED floodlights                                                                                                                                                                                |
| Mast                             | Stepless 360° rotation and swivelling                                                                                                                                                             |
| Version                          | Aluminium telescopic mast                                                                                                                                                                         |
| Lifting system                   | pneumatic                                                                                                                                                                                         |
| Light flux (Lumens) approx. [lm] | 140.000                                                                                                                                                                                           |
| Max. light spot height (m)       | 9,0                                                                                                                                                                                               |
| Min. transport height (m)        | 2,7                                                                                                                                                                                               |
| Dimensions L x W x H [mm]        | 5400 x 2100 x 2700                                                                                                                                                                                |
| Shockproof sockets               | 1x CEE 400V / 125A - IP67 1h<br>1x CEE 400V / 63A - IP67 1h<br>1x CEE 400V / 63A - IP67<br>1x CEE 400V / 32A - IP67<br>1x CEE 400V / 16A - IP67<br>3x 230V / 16A<br>1x Charging socket 230V / 16A |

### Chassis

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Chassis                            | FG 270 HV                             |
| Trailer drawbar                    | height adjustable incl. swap coupling |
| Inertial brake                     | ja                                    |
| Max. permissible total weight [kg] | 2700                                  |

### Main features

|                                        |          |
|----------------------------------------|----------|
| Emergency Standby Power (ESP) [kVA/kW] | 112.5/90 |
| Continuous power (PRP) [kVA/kW]        | 100/80   |
| Insulation class                       | 23       |
| Nominal voltage [V]                    | 400/230  |
| Nominal current 3~ (PRP) [A]           | 144      |
| Power factor cos (phi)                 | 0,8      |
| Frequency [Hz]                         | 50       |
| Voltage regulation                     | AVR      |

Technical data and illustrations are not binding. We assume no liability for misprints.

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### Engine

|                                  |                     |
|----------------------------------|---------------------|
| Brand                            | Deutz               |
| Model                            | TCD 3.9 L4          |
| Cooling system                   | Water-cooled        |
| Displacement [ccm]               | 3,94                |
| Engine output (ESP) [kW]         | 110                 |
| RPM [U/min]                      | 1500                |
| RPM regulation                   | electronic          |
| Fuel                             | Diesel              |
| Fuel tank capacity [l]           | Diesel 200 / DEF 32 |
| Fuel consumption @ 75% PRP [L/h] | 14,14               |
| Running time @ 75% PRP           | 14,1                |
| Starting system                  | Electric starter    |
| Electric circuit                 | 24                  |

### Noise level

|                                        |    |
|----------------------------------------|----|
| Sound power level LWA [db(A)]          | 94 |
| Sound pressure level LPA (7 m) [db(A)] | 69 |

### Equipment features

Electronically controlled alternator with three phase sensing AVR  
Soundproofed hood - extra quiet  
Manual/Automatic instrument panel in IP 54  
Accessible from all sides through large maintenance doors  
Individually protected sockets  
Outlet for external refuelling incl. a three-way fuel tap  
Prepared for coolant pre-heating as standard  
Prepared for access to the aggregate via smartphone, PC & tablet  
Main battery switch  
Diesel filter with water trap  
Liquid collecting tray to protect the environment  
Insulation monitoring  
Fuel tank with refilling points on both sides  
Including IT/TN operating changeover according to DIN/TS 14684  
Door retainer  
Control panel and socket lighting  
Charging process indicator  
Integral battery charger incl. 230 V /16 A socket  
A light construction due to use of aluminium components

laboratorio-olosuhteissa tehdyssä kiinteässä testisyklissä, eikä se ole tae yksittäisen moottorin suorituskyvystä".

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