



# ENDRESS

## Power Generators

### ESE 804 SDHS-DC / 40-220 A

Order No. **141001**

#### Main features

Alternator type	synchron
Maximum power output 1~ [kVA/kw]	4.4/4.0
Maximum power output 3~ [kVA/kw]	6,6/5,3
Continuous Power 1~ [kVA/kW]	4.0/3.6
Continuous output 3~/1~ kVA/kW	6.0/4.8
Nominal voltage [V]	400/230
Nominal Current [A]	8.7/17.4
Power factor cos (phi)	0,8/0,9

#### Frequency/protection class [IP]

Welding performance control range [A]	40 - 220
No-load voltage [V]	73
Min./Max. Welding voltage [V]	21,5 / 28,8
Welding operation at 60% period of application [A]	170
Welding regulation	mechanical

#### Engine Type

Design	1-cylinder 4-stroke OHV
Displacement [ccm]	389
Output 3000 rpm	6,4
Fuel	Petrol
Running time @ 75% PRP	3,4
Starting system	Recoil starter
Sound power level LWA [db(A)]	100
Weight in kg ca.	95
Dimensions L x W x H [mm]	890 x 490 x 570
Protective contact socket	1 x 230 V/16 A 1 x CEE 400 V/16 A

#### Advantages at a glance

Does not conform to EU noise guideline 2000/14/EC.  
DC = DC welding for professional welding operations

Power ratings according to ISO 8528-1: 2005

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

2024-4-26

**ENDRESS Elektrogerätebau GmbH**  
Neckartenzlinger Str. 39  
D - 72658 Bempflingen, Germany

Phone.: +49 (0) 7123-9737-0  
Fax.: +49 (0) 7123-9737-50  
www.endress-generators.de



ESE 804 SDHS-DC / 40-220 A

Order No. 141001



**Equipment features**

Continuous welding regulation

Lack of oil switch-off

Alternator overload protection

Carrying handles

**Max. dia. of the electrodes (mm)**

Rutile 5

Alkaline 4

Cellulose 5

**Accessories**

**Order No.**

Wheel kit **161 000**

Welding Kit **162 010**

Power ratings according to ISO 8528-1: 2005

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

2024-4-26

**ENDRESS Elektrogerätebau GmbH**  
Neckartenzlinger Str. 39  
D - 72658 Bempflingen, Germany

Phone.: +49 (0) 7123-9737-0  
Fax.: +49 (0) 7123-9737-50  
[www.endress-generators.de](http://www.endress-generators.de)

