

EFU – electronic converters

Voltage and frequency converters are used, for instance, to supply power to internal concrete vibrators or vibrating motors. Their places of use range from the classic construction site to plants for prefabricated concrete parts.

The electronic converters made by Weber MT are lightweight, sturdy and maintenance-free (no moving parts). The cast electronics protect the operator from short circuits and earth leakage / leakage current (ELCB principle) and the converter from overloading and overheating.

The option to operate several devices varies with the type/ number of sockets and the amount of current output.

Tubular frames protect the converters and make transporting them easier.

The EFU 2.7-Twin model allows you to connect 48 volt and 250 volt consumer loads at the same time.



Technical data

Electronic converters that can be connected to 230 volt/50 Hz alternating current and used to operate internal concrete vibrators or similar equipment at a 200 Hz connection using 48 volts/250 volts

Type		EFU 1.3	EFU 1.3 S	EFU 2.7 – Twin
Output voltage	Volts	48	250	48 und 250
Current input	Amperes	10	10	16
Output power	kVA	1.3	1.3	2.7
Current output	Amperes	16	4.5	32/7
Dimensions L x W x H	mm	390 x 180 x 260		530 x 300 x 480
Weight	kg	14.5	8.5	30
Number of sockets		1	1	2 + 2

Electronic converters that can be connected to 400 volt/50 Hz three-phase current and used to operate internal concrete vibrators or similar equipment at a 200 Hz connection using 48 volts

Type		EFU 3.8	EFU 5.6
Output voltage	Volts	48	48
Current input	Amperes	13	15
Output power	kVA	4.0	6.0
Current output	Amperes	48	72
Dimensions L x W x H	mm	530 x 300 x 480	
Weight	kg	34	39
Number of sockets		3	3

Subject to technical changes.

FUE/FUD – rotating converters

The rotating (mechanical) converters made by Weber MT have proven themselves for years on countless construction sites. The wide range of models covers all common connection options for alternating and three-phase current. It is possible to connect all popular internal concrete vibrators and vibrating motors running at 48 volts (resp. protective low voltage < 50 volts) and 200 Hz. The option to operate several devices varies with the number of sockets and the amount of current output. Tubular frames protect the converters and make transporting them easier. All units come standard with a 3 m connecting cable as well as a motor protection switch to prevent overloading.



Technical data

Rotating converters that can be connected to 230 volt/50 Hz alternating current and used to operate internal concrete vibrators or similar equipment at a 200 Hz connection using 48 volts

Type		FUE 1.3	FUE 1.5	FUE 1.7
Output voltage	Volts	48	48	48
Current input	Amperes	4	12	14
Output power	kVA	1.3	1.8	2.0
Current output	Amperes	16	22	24
Dimensions L x W x H	mm	515 x 250 x 310	695 x 210 x 315	695 x 210 x 315
Weight	kg	36	32	34
Number of sockets		1	1	2

Rotating converters than can be connected to 400 volt/50 Hz three-phase current and used to operate internal concrete vibrators or similar equipment at a 200 Hz, 48 volt connection

Typ		FUD 2.5	FUD 3.8
Output voltage	Volts	48	48
Current input	Amperes	14	10.4
Output power	kVA	2.5	4.0
Current output	Amperes	34	48
Dimensions L x W x H	mm	510 x 250 x 320	780 x 320 x 460
Weight	kg	39	65
Number of sockets		2	3

Subject to technical changes.