

KeDrive D6 – Power Supply Units



Models	Infeed modules		
no additional options	HMV01.1E-W0030-A-07-NNNN	HMV01.1E-W0075-A-07-NNNN	HMV01.1E-W0120-A-07-NNNN
Performance data			
- DC bus continuous power without/with choke	18 kW / 30 kW	45 kW / 75 kW	72 kW / 120 kW
- Maximum output	45 kW	112 kW	180 kW
- Mains voltage	3 AC 400 ... 480 V (+10/-15 %)		
- Continuous input mains current	51 A	125 A	200 A
- Dependence of output on mains	at ULN < 400 V: 1 % power reduction per 4 V at ULN > 400 V: 1 % power gain per 4 V		
- DC bus capacity	1410 µF	3760 µF	5640 µF
- DC bus voltage range	DC 435 ... 710 V		
Brake resistor			
- Brake resistor	internal		
- Maximum braking energy consumption	100 kW	250 kW	500 kW
- Continuous braking power	1,5 kW	2,0 kW	2,5 kW
- Maximum braking power	36 kW	90 kW	130 kW
Control voltage data			
- Control voltage, external	DC 24 V ± 5 %		
- Power consumption	25 W	30 W	55 W
- Continuous current	1 A	1 A	2 A
Mechanical data			
- Height H	440 mm	440 mm	440 mm
- Width W	150 mm	250 mm	350 mm
- Depth D	309 mm	309 mm	309 mm
- Mass	13,5 kg	22 kg	32 kg
Ambient conditions			
- Ambient temperature	0 ... +40 °C, with derating to +55 °C		
- Relative air humidity	5 ... 95 % (as per EN 61800-5-1), condensation not permitted		
- Degree of contamination	2 (as per EN 61800-5-1)		
- Cooling system	Air cooling		
- Protection mode	IP20		

Models	Regenerative modules				
no additional options	HMV01.1R-W0018-A-07-NNNN	HMV01.1R-W0045-A-07-NNNN	HMV01.1R-W0065-A-07-NNNN	HMV01.1R-W0120-A-07-NNNN	HMV02.1R-W0015-A-07-NNNN
Performance data					
- DC bus continuous power without/with choke	- / 18 kW	- / 45 kW	- / 65 kW	- / 120 kW	- / 15 kW
- Maximum output	45 kW	112 kW	162 kW	180 kW	29 kW
- Mains voltage	3 AC 400 ... 480 V (+10/-15 %)				
- Continuous input mains current	26 A	65 A	94 A	181 A	23 A
- Dependence of output on mains	at ULN > 400 V: no power gain				
- DC bus capacity	705 µF	1880 µF	2820 µF	4950 µF	700 µF
- DC bus voltage range	DC 750 V (regulated)				
Brake resistor					
- Brake resistor	internal		external		internal
- Maximum braking energy consumption	80 kW	100 kW	150 kW	-	40 kW
- Continuous braking power	0,4 kW	0,4 kW	0,4 kW	-	0,3 kW
- Maximum braking power	36 kW	90 kW	130 kW	-	33 kW
Control voltage data					
- Control voltage, external	DC 24 V ± 5 %				
- Power consumption	31 W	41 W	108 W	224 W	27 W
- Continuous current	1 A	2 A	5 A	13,0 A	1 A
Mechanical data					
- Height H	440 mm	440 mm	440 mm	440 mm	352 mm
- Width W	175 mm	250 mm	350 mm	350 mm	150 mm
- Depth D	309 mm	309 mm	309 mm	309 mm	252 mm
- Mass	13,5 kg	20 kg	31 kg	34,5 kg	9,5 kg
Ambient conditions					
- Ambient temperature	0 ... +40 °C, with derating to +55 °C				
- Relative air humidity	5 ... 95 % (as per EN 61800-5-1), condensation not permitted				
- Degree of contamination	2 (as per EN 61800-5-1)				
- Cooling system	Air cooling				
- Protection mode	IP20				

In the case of the HMV01.1R the continuous output and maximum output data also apply feedback mode.

All data apply to nominal rating at 3 AC 400 V mains voltage

Connection option for auxiliary components, such as HLB, HLC etc.