

SECTION 2-TECHNICAL SPECIFICATIONS

2.1 ELECTRICAL SPECIFICATIONS

AE-Lift motor driver technical specifications and maximum capacities are listed in Table 2.1. Device can be damaged if loaded more than maximum capacities or installed without proper auxiliary units. For this reason, select device model according to motor current, voltage and other specifications and select other parts in control panel according to values listed in Table 3.1.

Table 2.1 Technical Specifications

MODEL	AEL05	AEL07	AEL11	AEL15	AEL22
Nominal Motor Power	5.5 kW (7.5 hp)	7.5 kW (10 hp)	11 kW (15 hp)	15 kW (20 hp)	22 kW (30 hp)
Nominal Output Current	14 A	18 A	25 A	32 A	45 A
Maximum Current Allowed Time	28 A 5 s	36 A 5 s	50 A 5 s	64 A 5 s	90 A 5 s
Control Circuit Input Voltage	1-Phase 100V.....240V AC 50/60 Hz +- %5				
Nominal Power Input Voltage	3-Phase 340V.....420V AC 50/60 Hz +- %5				
Nominal Power Output Voltage	3-Phase 0V.....420V AC 0.....100 Hz				
Carrier Frequency	6....16 KHz				
Braking Resistor Minimum Power ⁽¹⁾	72 Ω 1200 W	60 Ω 1500 W	40 Ω 2200 W	30 Ω 3000 W	20 Ω 4400 W
Cooling	2 Fans			3 Fans	
Weight	7 kg	7 kg	8 kg	12 kg	12 kg

⁽¹⁾ Minimum preferred power of resistor listed in table. Use higher powered resistor than listed for long period travel applications.