



High Performance Elevator Energy Saving Cabinet

Proven Canadian technology, this energy saving cabinet is widely used in elevator, crane, mining hoist, and so on. By returning the regenerative electrical energy, which is produced in the process of speed adjusting of motor, to electrical power, the problem of energy consumption caused by resistance heating is solved.

1. Harmonic factor is less than 4.6%; use unique PMW technique to suppress high frequency harmonics.
2. Robust – with DSP central processor to achieve high efficiency, high precision, and high stability against interference.
3. First class technique – automatic voltage Bus adaption and anti-reflow current technique to ensure no interference to inverter drive device.
4. Outstanding energy saving – 25% - 40% of electrical energy saving can be achieved depending on the working conditions of the elevator.
5. Improve the Elevator System's working condition – less heat is emitted by the elevator system, so less maintenance work is required.
6. Perfect Brake Performance – meet the engineering requirement on fast break and frequent brake.
7. No Fault – fault protection is embedded in the energy saving cabinet.
8. Noise filtering – the cabinet can use both 220V or 380V power; by employing noise filtering device, there is no EMI to outside device and pollution to power network has been decreased to minimum.
9. Easy to install – digital output function can be configured by software, it is not necessary for end-users to change parameters.
10. Powerful functions – extendable communication port, digital operator, multi-function display, real time operation supervision for DS bus voltage, feedback current, interior temperature, input output state, the accumulated feedback time, the accumulated operation time, fault records, etc.



Models:

	Model	I_{max} (A)	Suitable up to (W_{max})	Dimensions (mm)
Energy Saving Cabinet	IPC-PF-HLF11-C	15	7.5-11	480 x 186 x 200
	IPC-PF-HLF18-C	22	15-18	
	IPC-PF-HLF22-C	33	22	
	IPC-PF-HLF37-C	45	30-37	