



BATTERY ELECTRO-PERMANENT MAGNET

HBEP battery electro-permanent lifting magnet offers built-in maintenance-free batteries and a remote control. As other EPM magnets the HBEP not only have the operational ease of electromagnets but also have the security of a permanent magnet lifting device.

Main Features:

1. The controller uses modern electronic circuitry and can quickly set up to eight parameters, such as the intensity of magnetization, magnetizing time, etc.
2. Batteries are only used for magnetization and demagnetization.
3. They can be widely used without power or access to power.
4. Their power independence and remote control makes them ideal for dangerous environments.
5. The batteries can last for up to 7 to 9 days and their charge state can be monitored real-time.



Model	Lifting capacity(kg)	Min. thickness of steel plate (mm)	Working voltage(V)	Recharging time(h)	Overall dimension(mm)						Weight (kg)
					A	B	C	D	d	H	
HBEP-500	500	6	DC24	5-7	220	390	70	20	50	530	65
HBEP-1000	1000	6	DC24	5-7	220	390	85	25	50	545	75
HBEP-1500	1500	10	DC24	6-8	220	490	75	30	60	420	180
HBEP-2000	2000	12	DC24	6-8	220	490	90	30	60	435	215
HBEP-3000	3000	16	DC48	7-9	370	450	100	40	85	550	260
HBEP-5000	5000	20	DC60	7-9	540	720	115	40	85	565	380
HBEP-300B	300	4	DC24	5-7	220	390	60	20	50	520	70
HBEP-600B	600	4	DC24	5-7	220	390	60	20	50	520	78
HBEP-1000B	1000	4	DC48	7-9	220	490	60	30	60	405	90

Note:

1. General model: Rated lifting capacity = the max. Pull-off strength at 0.50mm working air-gap/1.5; Thin steel model (B model): Rated lifting capacity = the max. Pull-off strength at 1.00mm working air-gap/1.5
2. Battery EP magnets can be used as single units or paired for larger jobs.
3. The above listed products are mainly used for plates or other plain material. Customized solutions are available.