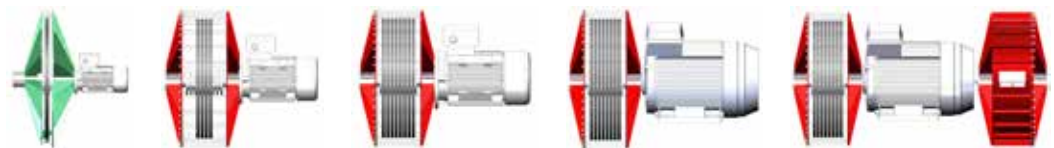


# Technical Data Sheet



## *dynamic future*

### Technical Data



Type	20/1	80/4	250/8	1M/8	1M/16
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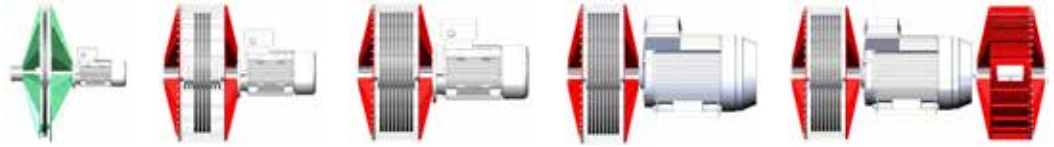
### General Data

Dimens. (L/2000/2000), mm	2000	2500	3000	4000	5000
Recom. container	10 ft.	10-20 ft.	20 ft.	20 ft.	20 ft.
Weight without frame, t	ca. 1	ca. 2	ca. 5	ca. 6	ca. 10
Requirements	stackable, at ground level, can not be placed above floors				
Network compatible	✓	✓	✓	✓	✓
Voltage range, kV	0,4	0,4	0,4	from 0,4 (depends on system)	
Protection	IP 54				
Ambient temperature	-40 to +80 °C				

### Unit-Data

Number of discs	1	4	8	8	16
Power, kW	20	80	250	1000	1000
Storage, net, kWh	5	20	40	40	80
Power consumption, % per h	5	5	4	4	4
System efficiency, %	80	85	89	90	90
Number of cycles	over 1 Million				
Maintenance intervals / year	3	3	2	2	2
Lifespan	over 20 Jahre				

## Applications



Type	20/1	80/4	250/8	1M/8	1M/16
Recuperation					
railroad			✓	✓	✓
crane technology		✓	✓		
Load management					
industry			✓	✓	
off-grid	✓	✓			
solar power	✓	✓	✓	✓	
wind power		✓	✓	✓	✓
Network/frequency control			✓	✓	✓
E-mobility (e-car, e-bus)		✓	✓	✓	✓

## Warranty

10 years

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