



**SMALL,
but
POWERFUL**

Table of types

Output voltage (VDC)	Max. output current	Type	Mains (VAC)	Mains protection (A)	Case	Range of capacities (Ah)
24	20	FORTIS mini 24E20	1ph 230	6	S	65-210
	40	FORTIS mini 24E40		10	M	135-375
	60	FORTIS mini 24E60		10	L	270-620
	80	FORTIS mini 24E80		16	L	375-840

Setting of the charger

Type	Battery capacity setting (Ah) → Count of blinks of green LED								
	1	2	3	4	5	6	7	8	9
FORTIS mini 24E20	65	75	85	105	120	135	150	180	210
FORTIS mini 24E40	135	150	180	210	240	270	300	345	375
FORTIS mini 24E60	270	300	345	375	420	465	500	560	620
FORTIS mini 24E80	375	420	465	500	560	620	675	750	840

Type	Charging curve setting → Count of blinks of red LED				
	1	2	3	4	5
FORTIS mini → all types	IUIa dU	IUIa CF	IUIa GEL 2,65	IUIa GEL Ex	IUIa

Technical data

Input voltage range	-10 %, +15%
Recommended protection	circuit breaker with C or D characteristics
Efficiency	up to 94%
Power factor	0.98 (single-phase power supply)
Output voltage tolerance	±1 %
Output current tolerance	±2 %
Safety (LVD)	EN 60950-1
EMC resistance	EN 61000-6-2
EMC emission	EN 61000-6-4
Protection class	I
Degree of protection	IP20
Cooling	forced ventilation
Working environment	-10 °C to +40 °C, max. relative humidity 95%, non condensating
Storage	in dry areas -25 °C to +80 °C, max. relative humidity 95%

Dimensions

Type	Case	H	W	D
FORTIS mini 24E20	S	-	-	-
FORTIS mini 24E40	M	234 (280)*	174	90
FORTIS mini 24E60	L	349 (395)*	243	90
FORTIS mini 24E80	L	349 (395)*	243	90

* With mounting hangers