



POWER

CONTIS mini

Station battery charger

- Easy parameter setting via one button
- Can be set for 24 V and 12 V batteries
- Output current range 5 – 40 A
- LED signaling of charging phases
- Compact charger design

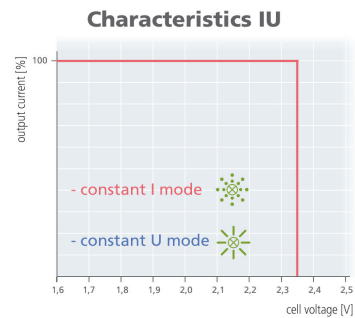
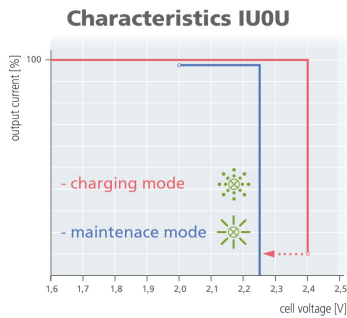


Types overview

Type	Output voltage (V)	Output current (A)	Current range (A)
12E40	12	40	5 - 40 (9 steps)
24E40	24		

Charging characteristics

Charging curve setting – Number of red LED blinks	
1	2
IU0U	IU



Output current setting

Output current setting (A) – Number of green LED blinks								
1	2	3	4	5	6	7	8	9
5	7,5	10	15	20	25	30	35	40

Float voltage setting

Relation	Setting of float voltage (V) – Number of both simultaneous LED blinks					
	1	2	3	4	5	6
per cell	2,17	2,23	2,25	2,27	2,3	2,41
12E40	13	13,4	13,5	13,6	13,8	14,5
24E40	26	26,8	27	27,2	27,6	28,9

TECHNICAL PARAMETERS

INPUT	CONTIS mini 24E40 / 12E40
Input voltage range	1f 230 VAC, $\pm 15\%$, 50/60 Hz
Input current	5,9 A / 3,1 A
Inrush current	less than nominal
Recommended circuit breaker type B	10-16 A/6-16 A
Power factor	0,99

OUTPUT	CONTIS mini 24E40 / 12E40
Output voltage	24 V / 12 V
Maximal output current	40 A
Output voltage tolerance	$\pm 1\%$
Output current tolerance	$\pm 2\%$
Efficiency	up to 94 %



SAFETY, STANDARDS	
Safety (LVD)	EN 62368-1
EMC resistance	EN 61000-6-2
EMC emissions	EN 61000-6-4
Degree of protection	IP20

STORAGE, WORKING ENVIRONMENT	
Storage	in dry areas $-25\text{ }^{\circ}\text{C}$ to $+80\text{ }^{\circ}\text{C}$, max. relative humidity 80 %
Working environment	$-10\text{ }^{\circ}\text{C}$ to $+40\text{ }^{\circ}\text{C}$, max. relative humidity 80 %, non condensating

Dimensions (mm)

TYPE	CASE	HEIGHT	WIDTH	DEPTH	X	Y	WEIGHT (kg)
CONTIS mini 24E40/12E40	M	234	174	90	120	268	4

