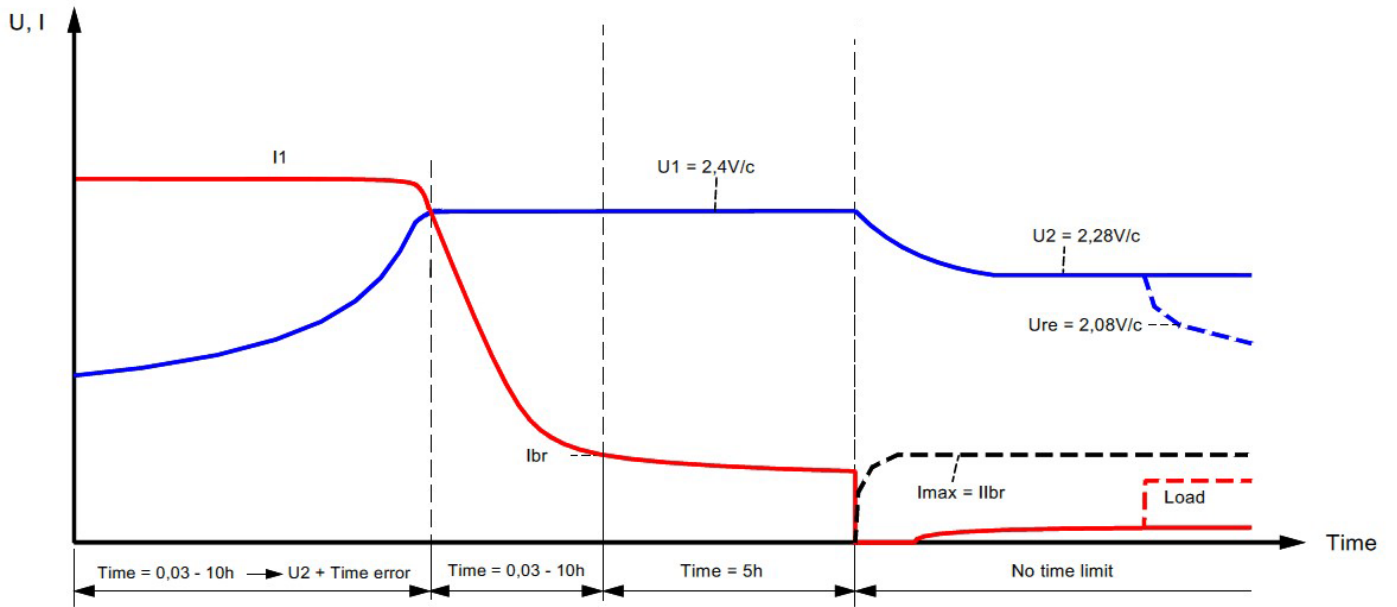


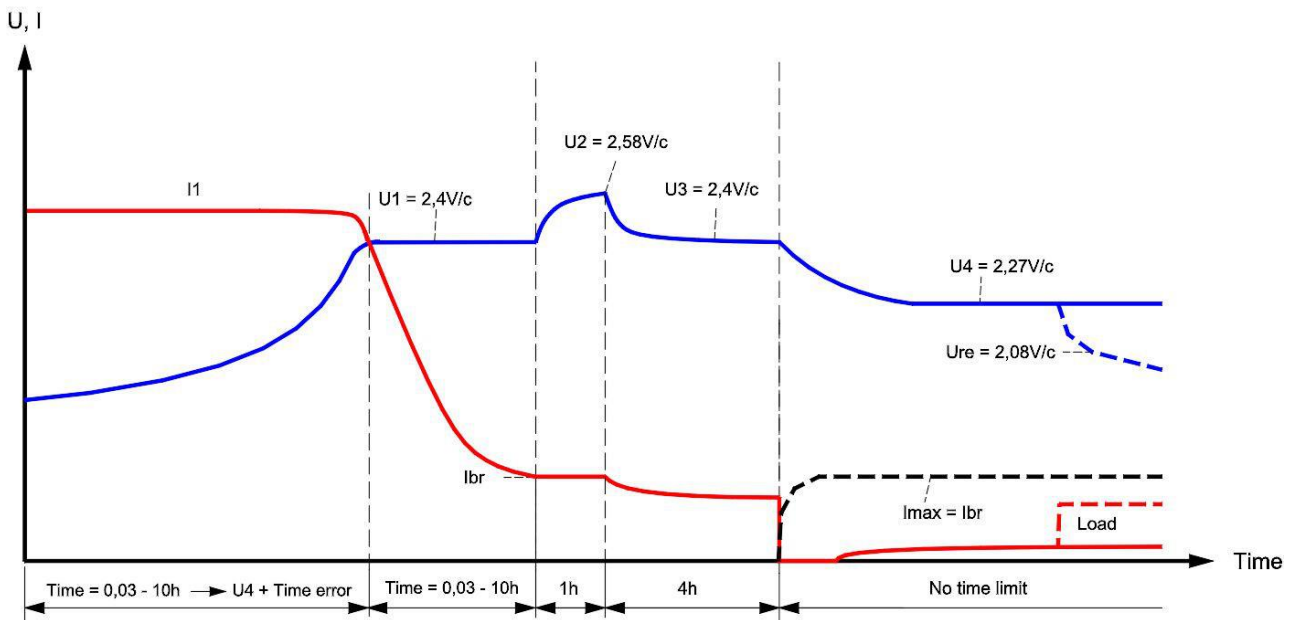
Date:	2019-11-06
Sign:	Magnus Håkansson
Document no.	P101311W
Champ 24/10	Micropower Sweden AB Idavägen 1, 352 46 Växjö Sweden

Parameter	Unit	Value
Product family		Champ 24V 300W
Model		Champ 24/10
Mains supply	VAC	90-265VAC
Rated power	W	300W
Consumption form mains supply	A	Max 3A
Power connection		IEC, 3x1mm ² 0,3m
System voltage	VDC	24V
Charging voltage	VDC	According to charging algorithm
Charging current	A	10
Consumption form battery	mA	<1 mA
Recommended battery capacity	Ah	30-220Ah
Short circuit protection		Yes
Protection against wrong polarity		Yes
Fuse, secondary side		No
Temperature controlled charging		Yes, 3mV/cell/°C
Battery connection		2,5mm ² 1.5m, Ring terminal, M8
Operating temperature	°C	-30°C – +50°C
Storage temperature	°C	-40°C – +60°C
Ingress protection	IP	IP67
Electrical safety		EN 60 335-2:29 EN 60 335-1:2012
Low voltage directive		2014/35/EU
EMC Directive		2014/30/EU
Weight	g	1700g
Dimensions	mm	192 x 98 x 49mm
Potting material		PUR

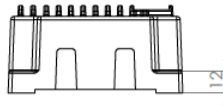
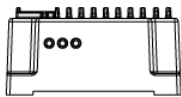
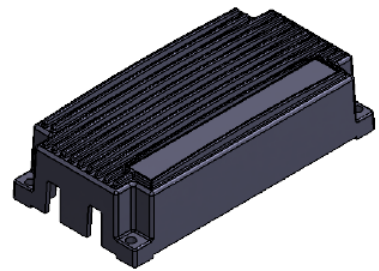
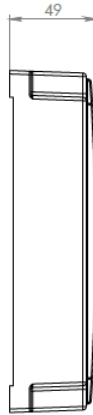
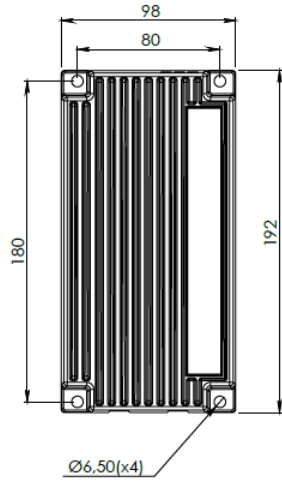
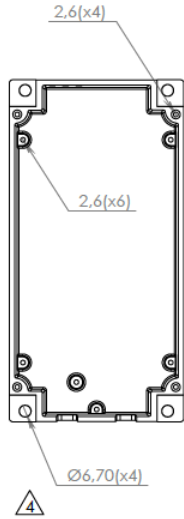
Charging curve Standard



Charging curve GEL/AGM



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	Issued	2018-01-16	HR
	2	Updated 2,9mm hole to 2,6mm	2018-08-06	HR
	3	Updated mountinghole(x4)	2018-10-10	HR
	4	Changed draft for mountingholes to 0,5deg	2018-10-15	HR



Tolerance	Material	ADC 12	Proj.	Designed by	Approved by	Date
				HR	HR	2018-01-16
Description		Låda Champ 300 & 450W Std		Scale	Rev.	
PRIMEPOWER™ <small>PART OF MICROPOWER GROUP</small>				1:2	4	
Drawing nr.						P0600293