

motors - drives & controls

MODICO



Switched-mode power supply

Type SMPS 29 V / 2 A

Rev. 1.0



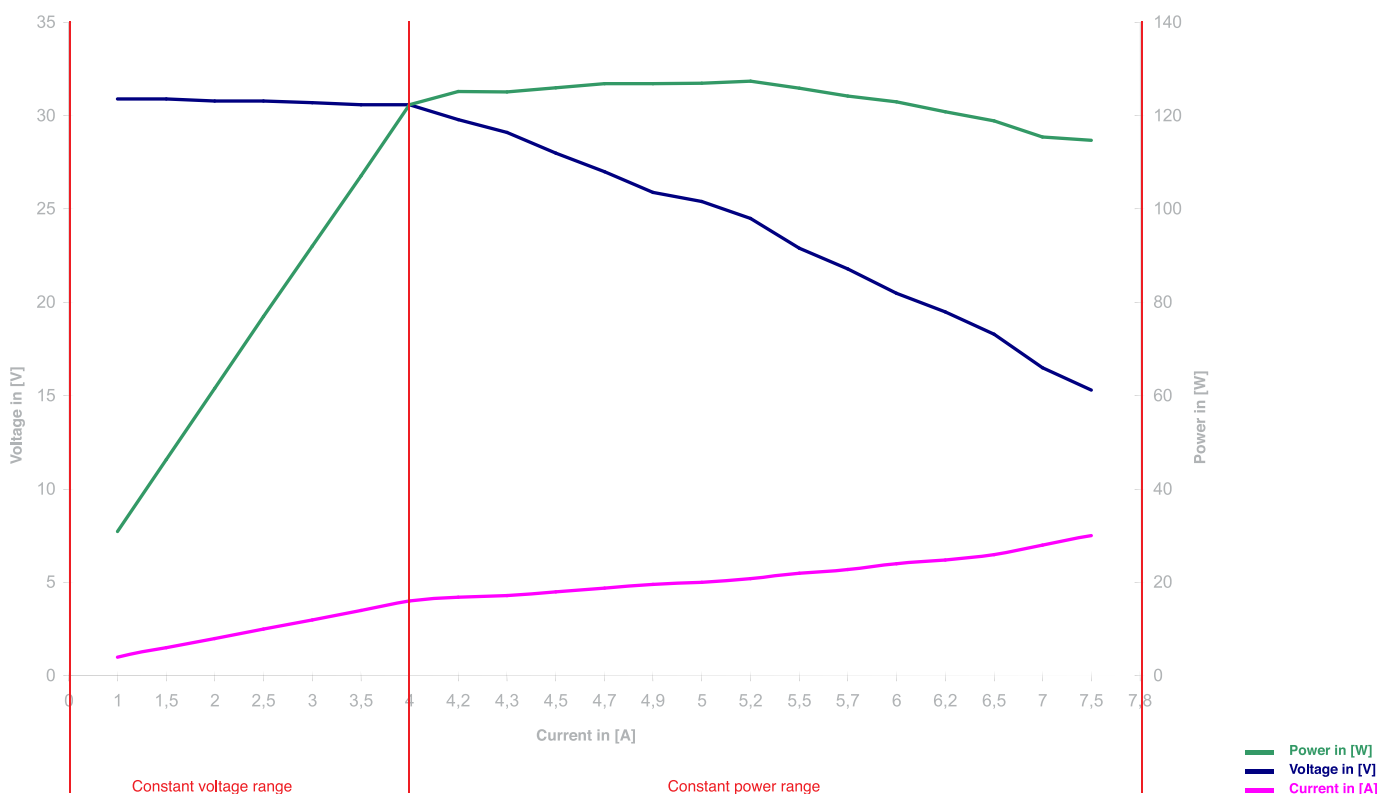
powered by innovative technologies



Technical data SMPS 29 V / 2 A

Name	Data
Broad voltage input range	90 ... 264 VAC 50 / 60 Hz
Nominal output voltage	(at a load of 0 to 4 A) 29.0 VDC
Nominal output current	2 ADC
Output current	0 ... 4 A (constant voltage range) 4 ... 8 A (constant power range)
Output voltage at maximum load (7.8 A)	16 VDC
Disconnecting current	6.8 A - 8.0 A
Stand-by power	100 V \pm 10 %; \leq 1.5 W 240 V \pm 10 %; \leq 2.5 W
Duty ratio	10 % ED, max. 2 minutes continuous duty
Display of operating condition	Green LED
Protection class	IP50
Sizes (length x width x height)	114.5 mm x 54.0 mm x 37.0 mm
Weight	280 g
Housing material	ABS
Standards	CE, UL
Features	<ul style="list-style-type: none"> ➔ Short-circuit proof output ➔ Overcurrent circuit breaker ➔ Overload protection
Power cable	EU, UK, US (optional AUS, IN)

Voltage-current flow SMPS 29 V / 2 A



Article numbers and match codes

Name	Match code	Article number
SMPS 29 V / 2 A	SM-BL-2-2-0-00-50	1
Power cable 1200 mm EU-version	PC-BL04020-0BL120-BL21020	4
Power cable 1200 mm UK-version	PC-BL06020-0BL120-BL21020	22
Power cable 1200 mm US-version	PC-BL07020-1BL120-BL21020	21
DC motor cable 1500 mm	ML-BL99020-1BL150-BL02020-00-00	28
DC motor cable 3500 mm	ML-BL99020-1BL350-BL02020-00-00	31

Technical drawing Switched-mode power supply 29 V / 2 A

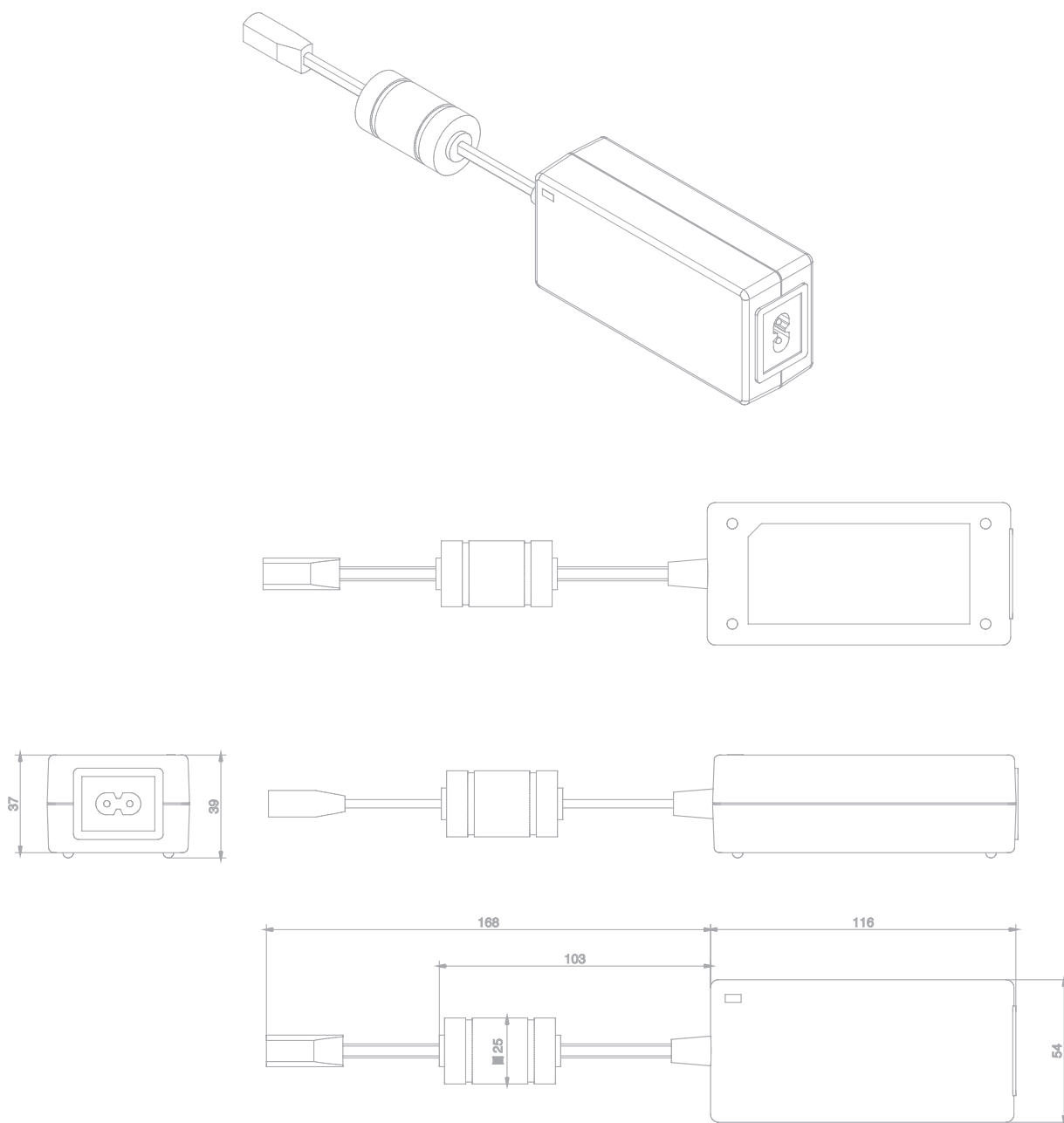


Illustration 1



Country-specific power cables

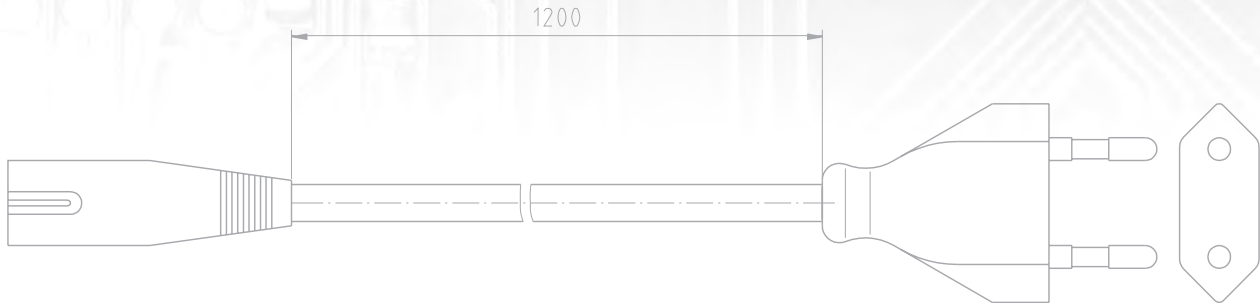


Illustration 2: Power cable EU-version

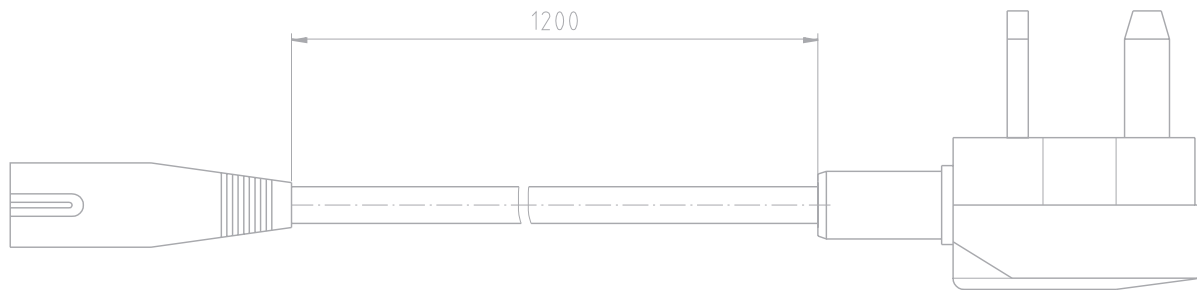


Illustration 3: Power cable UK-version



Illustration 4: Power cable US-version