

powered by

Panasonic

Panasonic 24–36V lithium-ion battery packs

PICPAL1805 – 36.0V / 14500 mAh

UN 38.3



Dimensions

length: 245mm

width: 170mm

height: 72mm

Data for pack

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Nominal Voltage		36V	nominal
Nominal capacity		14,5Ah	typical
Used cell in Pack		50x	Panasonic NCR-18650
internal resistance pack		95mOhm	80 - 180 mOhm
Max charge voltage		42V	External Charger
Charge current	standard	2A	0°C < T < 45°C
	rapid	4,5A	10°C < T < 45°C (limited by connector)
Discharge	standard	10A	-20°C < T < 60°C (limited by connector)
	max.cont.	25A	-20°C < T < 45°C (limited by connector)
	max.peak	60A	-20°C < T < 45°C (pls. note: Connector limitation!)
Short circuit current		≤2500 A	<100µs
NTC		10 kOhm	Tolerance 1% B-value 25°C/85°C = 3988K
Connector	AMP		Pin 1 - 3 : GND Pin 6 - 8 : Bat +
	VAL-U-LOK		Pin 4 : - Pin 9 : -
			Pin 5 : - Pin 10 : NTC
Cable length			n/a
Weight		3,8 kg	approximately
Watt-hour rating		490 Wh	