

powered by
Panasonic

Panasonic 24-36V lithium-ion battery packs

PICPAL1022 – 25.2V / 6750 mAh

UN 38.3



Dimensions(at max. positions)		
length	148mm	+/-2mm
width	61mm	+/-2mm
hight	98mm	+/-2mm
Plastic housing		

Data for pack

Nominal Voltage		25,9V	29,4V - 21,0V
Nominal capacity		6.750mAh	typical
Used cell in Pack		21x	Panasonic CGR-18650CG
internal resistance pack		mOhm	mOhm - mOhm
Input voltage charge pin 6 (orange)		15V to 30V	
Charge current(internal charger)		1000mA	0°C < T < 45°C inte rmal charger
max. allowed by external charger		3000mA	10°C < T < 45°C
Discharge	standard	1350mA	-20°C < T < 60°C
	max.cont.	7800mA	-20°C < T < 45°C
	max.peak	30000mA	-20°C < T < 45°C
Short circuit current		≈150A	<500µs
NTC		---	on board charger and via SM-Bus
Connector	AMP VAL U-LOCK	SM-Bus	Pin 1+2+3: GND
			Pin 4: SM data SDA
			Pin 5: SM clock SCL
			Pin 6: --
			Pin 7: charger (15V to 32V)
			Pin 8,9,10: +25,9V
Cable lengh		n.a.	
Weight		1290g	±30g
Lithium content		13,35g	Energy: 170 Wh