

PA-L2066.R003



Dimensions

Length	88mm	± 2mm
Width	67mm	± 1mm
Height	61mm	± 1mm

Data for Pack

Nominal voltage	10.8V	7.5V - 12.6V				
Nominal capacity	9Ah	typical				
Used cell in pack	12pcs	Panasonic UR18650A				
Internal resistance pack	90mΩ	±10%				
Charge voltage	12.6V	max				
Charge current	standard	1A	5°C < T < 45°C ²⁾			
	rapid	3A	10°C < T < 45°C ²⁾ (Connector limitation)			
Discharge	standard	1.8A	-20°C < T < 60°C ^{1), 2)}			
	max. cont.	3A	-20°C < T < 60°C ^{1), 2)} (Connector limitation)			
	max. peak	4.5A	-20°C < T < 60°C ^{1), 2)} t < 1s			
Short circuit current	> 82A	< 300μs				
NTC	10kΩ	Tolerance 5% B-Value 25°C/85°C = 3980k				
Connector	JST	XHP	Pin1	Bat+	Pin4	GND
			Pin2	SMBC	Pin5	NTC
			Pin3	SMBD		
Cable Length	90mm	± 5mm				
Weight	ca. 420g	± 5g				
Watt-hour rating	93.6Wh	acc. to UN38.3 Certificate from cell				

1) below 0°C with limited performance in current output and available capacity 2) Cell temperature, not ambient temperature

Limitations by Safety Unit (SU) @ Ta 25°C

over voltage (per cell)	cut off	4.21V	± 0.025V
	release	3.9V	± 0.1V
under voltage (per cell)	cut off	2.75V	± 0.1V
	release	3.6V	± 0.1V
Current Limit 1 by SU		3.5A	< 10s
Current Limit 2 by SU		4.5A	< 1s
short circuit protection		≤ 15A	< 300μs typical
Power consumption	active	< 700μA	
	shutdown	< 250μA	

Recommended Charger

CC /CV CHARGER with NTC control