PA-INB227-C17UL.4.2.R001

fey ELEKTRONIK
Batterie-
und Ladetechnik

*picture only for reference

Dimensions

Lenght	55.7mm
Width	37.6mm
Height	72.2mm

Data for Pack

Nominal voltage		10.8V	7.8V - 12.6V (usable voltage range)			
Nominal capacity		6.9Ah	typical			
Used cells in pack		6pcs	INR18650 M35A			
Internal resistance pack		176,75 mOhm	±20% @ 1000Hz AC, typ. Initial value			
Charge voltage		12.6V	max	2)		
Charge current	low temp	0.5A	0°C < T < 10°C	3)		
	standard	3.5A	10°C < T < 45°C	3)		
Discharge	standard	1.4.A	-20°C < T < 60°C	1) 3)		
	max cont.	5A	-20°C < T < 60°C	1) 3)		
	max peak 1	15A	-20°C < T < 60°C	3)	t < 100ms	
	max peak 2	30A	-20°C < T < 60°C	3)	t < 0.2ms	
Over Voltage Cut-off (per cell)		4.215V	safety unit cut-off			
Over Voltage release (per cell)		4.115V				
Under Voltage Cut-off (per cell)		2.6V	typical @Ta 25°C; recovery = charger connect			
Under Voltage release (per cell)		3V	typical @Ta 25°C;			
Discharge current protection		>7A	typical @Ta 25°C; recovery = load remove			
Charge current protection		>6A	typical @Ta 25°C; recovery = charger remove			
load short circuit protection		>100A	typical @Ta 25°C; max 650µs			
non resettable current fuse		10A				
non resettable second over voltage cut-off		4.35V	activate final fuse (per cell)			
non resettable temperature protection		120°C	110°C - 130°C, activate final fuse			
Connector	Molex	Microfit 3.0 43645-0300	Pin1	Bat+		
			Pin2	NTC		
			Pin3	GND		
Cable Length		142mm	± 5mm			
Weight		293g	± 5g			
Watt-hour rating		75Wh	acc. to UN38.3 TSR			

Charging method

CC/CV Charger with NTC temperature control

1) below 0°C with limited performance data (current output and available capacity)

2) Recommended Charge Voltages: Medical applications = 12.3V; Standby / UPS = 12V

3) Cell surface temperature, not ambient