PA-INB55-C17UL.4.2.R002





Dimensions

Lenght 67mm Width 19mm Height 76mm



IEC62133-2:2017



MH45979 ⁴⁾

*picture only for reference

Data for Pack			
Nominal voltage		3.635V	2.5V - 4.2V (usable voltage range)
Nominal capacity		14Ah	typical
Used cell in pack		4pcs	18650
Internal resistance pack		44mΩ	±10% typical value @20°C with fresh cells
Charge voltage		4.2V	max ²⁾
Charge current	low temp	1.5A	0°C <t< 10°c="" <sup="">3)</t<>
	standard	ЗA	10°C <t< 45°c="" <sup="">3)</t<>
Discharge	standard	ЗA	-20°C < T < 60°C ^{1) 3)}
	max cont.	ЗA	-20°C < T < 60°C ^{1) 3)}
Over Voltage Cut-off (per cell)		4.28V	typical @Ta 25°C 'safety unit cut-off
Over Voltage release (per cell)		4.18V	typical @Ta 25°C
Under Voltage Cut-off (per cell)		2.3V	typical @Ta 25°C; recovery = charger connect
Discharge current protection		>4.46A	typical @Ta 25°C; recovery = load remove
Charge current protection		>4.46A	typical @Ta 25°C; recovery = charger remove
load short circuit protection		>45A	typical @Ta 25°C; max 300μs
non resettable current fuse		5A	
non resettable second over voltage cut-off		4.35V	
Connector	JST	XHP-3	Pin1 GND
			Pin2 NTC
			Pin3 BAT+
Cable Length		45mm	± 5mm
Weight		196g	±5g
Watt-hour rating		50.88Wh	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 = 4.1V; Standby / UPS = 4V

Standby / UPS = 4V; Do not apply continous charge (trickle charge) method

3) Cell surface temperature, not ambient

4) UL conditions of acceptability to be consider in end application

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data. Fey Elektronik GmbH, Storchenweg 3, 21217 Seevetal, Germany | info@feyelektronik.de, Tel.: +49 (0)40-703-8888-0 Date: 10.07.2020