PA-LNB2006F-C17UL.4.1.R001





Dimensions

Lenght	110mm
Width	19mm
Height	71mm

IEC62133-2:2017



MH45979⁴⁾

*picture only for reference

Data for Pack				
Nominal voltage		7.2V	5V - 8.2V (usable voltage range)	
Nominal capacity		10.05Ah	typ. @ 4,2V/cell @4,1V/cell capacity reduction of appr. 12%	
Used cell in pack		6pcs	18650	
Internal resistance pack		72mΩ	±10% typical value @20°C with fresh cells	
Charge voltage		8.2V	max ²⁾	
Charge current	low temp	3A	0°C <t 10°c="" <="" <sup="">3)</t>	
	standard	3A	10°C <t 45°c="" <="" <sup="">3)</t>	
Discharge	standard	3A	-20°C < T < 60°C ^{1) 3)}	
	max cont.	5A	-20°C < T < 60°C ^{1) 3)}	
Over Voltage Cut-off (per cell)		4.1V	typical @Ta 25°C 'safety unit cut-off	
Over Voltage release (per cell)		4V	typical @Ta 25°C	
Under Voltage Cut-off (per cell)		2.4V	typical @Ta 25°C; recovery = charger connect	
Discharge current protection		>6.67A	typical @Ta 25°C; recovery = load remove	
Charge current protection		>5A	typical @Ta 25°C; recovery = charger remove	
load short circuit protection		>54A	typical @Ta 25°C; max 300μs	
non resettable current fuse		7A		
non resettable second over voltage cut-off		4.35V		
Connector	Molex	Microfit 3.0 43645-0300	Pin1 Bat+	
			Pin2 NTC	
		43043 0300	Pin3 GND	
Cable Length		106mm	± 5mm	
Weight		290g	± 5g	
Watt-hour rating		72Wh	acc. to UN38.3 TSR	

Charging method

CC/CV Charger with NTC temperature control; max. charge voltage shall be limited to 4,1V

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

2) Recommended Charge Voltage in standby applications / UPS = 4,0V; Do not apply continous charge (trickle charge) method

3) Cell surface temperature

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: 04.02.2022