

DH-PFE320-LP1207

Solar Battery



- IP66 rated.
- Supports heating.
- Use with DH-PFE200-12CM-M60/DH-PFE220-12CM-M120/DH-PFE220-12CM-M200.

Technical Specification

Function

Battery Type	Lithium iron phosphate
Nominal Capacity	7.8 AH
Nominal Voltage	12.8 VDC
Output Voltage Range	11.1–14.6 VDC
Standard Charge Current	1.6 A
Recommended Charging Voltage	14.6 VDC
Standard Discharge Current	1.6 A
Max. Discharge Current	8 A
Low Temperature Discharge Performance	≥ 50% nominal capacity
High Temperature Discharge Performance	≥ 90% nominal capacity
Operating Power Consumption	≤200 uA
Lifespan	≥ 2000 times

Protection

Protection	IP66
Types of Protection	Protection against overcharging , overdischarging, overtemperature and short circuits.
Heating	Yes

Structure

Casing Material	PC
Appearance Color	Black
Product Dimensions	205.0 mm × 95.0 mm × 38.0 mm (8.07" × 3.74" × 1.50") (L × W × H)

Environment

Operating Temperature	Charging: –20 °C to + 50 °C (–4 °F to +122 °F); Start heating at 0 °C Discharging: –20 °C to + 55 °C (–4 °F to 131 °F)"
Operating Humidity	10%–90% (RH)
Storage Temperature	–20 °C to +45 °C (–4 °F to +113 °F); the storage time is less than 3 months. –20 °C to +20 °C (–4 °F to +68 °F); the storage time is less than 12 months.
Storage Humidity	75% (RH)
Operating Altitude	≤3,000 m (9,842.52 ft)

Certifications

Certifications	CE
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Ordering Information

Type	Model	Description
Integrated Solar System	DH-PFE320-LP1207	Solar Battery

Dimensions (mm[inch])

