



ECO 2.5 - 25.6V 2.5KWH

- Excellent high temperature performance ·
· Uitstekende prestaties bij hoge temperaturen ·
- **1C High Performance Lithium battery** ·
· 1C hoogwaardige lithiumbatterij ·
- **High Energy Density and conversion efficiency** ·
· Hoge energiedichtheid en conversie-efficiëntie ·
- **Complete with integrated Battery Management System** ·
· Compleet met geïntegreerd batterijbeheersysteem ·
- **Advanced BMS with current limiting function** ·
· Geavanceerd BMS met stroombegrenzingsfunctie ·
- **Built in protection of over-charge, over-discharge, short-circuit** ·
· Ingebouwde bescherming tegen overbelasting, overontlading, kortsluiting ·
- **Support in series and parallels connection (Max. 2S2P)** ·
· Ondersteuning in serie- en parallelaansluiting (max. 2S2P) ·
- **Low self discharge** ·
· Lage zelfontlading ·
- **Easy wall mount or rack mount installation** ·
· Eenvoudige installatie voor wandmontage of rekmontage ·

Parameter	Item	Spec
Model		ECO 2.5
Nominal voltage / Nominale spanning		25.6V
Nominal capacity @1C / Nominale capaciteit @1C		100Ah
Equalized charge voltage / Geëgaliseerde laadspanning		29.2V
Discharge cut-off voltage / Afsluutspanning ontlading		22-22.4V
Float charge voltage / Drijvende laadspanning		26.4-26.8V
Bulk charge voltage / Bulk laadspanning		28.8V
Max charge current / Maximale laadstroom		100A
Max discharge current / Maximale ontladstroom		100A
Weight		25kg±0.5kg
Dimensions L*W*H (mm) / Dimensies		442*440*138

Curves / Krommen

Operation info. / Bedieningsinformatie.

Item	Spec
Operating Temperature / Gebruikstemperatuur	Charging: 0°C to 50°C Discharging: -10°C to 50°C
Storage Temperature / Opslagtemperatuur	-10~50°C
Relative Humidity(RH) / Relatieve vochtigheid (RH)	20~60(No Condensed Water)

Dimension / Dimensie

Battery Management System / Batterijbeheersysteem

Item	Spec (2S2P)	
Voltage	Charging Cut-off Voltage	58.4V (Single battery 3.65V)
	Max. Continuous Charging Current	100A
Current	Max. Continuous Discharging Current	100A
	Over Charging Detection Voltage	56.8V (Single battery 3.55V)
Over Charge Protection	Over Charging Release Voltage	56V (Single battery 3.5V)
	Over Discharging Detection Voltage	44V (Single battery 2.75V)
Over Discharge Protection	Over Discharge Detection Delay Time(ms)	1000±500
	Over Discharging Release Voltage	44.8V (Single battery 2.85V)
Short Circuit Protection	Detection Condition	Exterior short circuit
	Detection Delay Time	300±200µs
Temperature Protection	Release Condition	Cut load, automatically recover
	Over Temperature Protection	65°C