48V 2.5kWh and 3kWh

Lithium Ferro Phosphate (LFP) Battery Modules

with Advanced Data Logging and Analytics*

Nominal Voltage DC S.1.2V (48V nominal) Nominal Capacity 2.5kWh / 49.4kh 3.5kWh / 68.4kh Maximum Current 60A (limited by circuit breaker) Charge/Discharge Cycles 10.000 @ 80 % DoD, 25° C Maximum DC Power 2.529 whits 3.000 Watts Nominal Charge Current 25 Amps 34 Amps Nominal Discharge Efficiency 34 Amps Round Trip / Discharge Efficiency 36 4V (configurable) BMS under-Voltage cut-off 40V (configurable) BMS under-Voltage cut-off 40V (configurable) BMS Short circuit cut-off 56 °C (configurable) BMS Cower-temperature cut-off 55°C (configurable) BMS Communications CAN Bus & R5485 BMS Measured Data 50C, DoD, Voltage, Current, temp, cycles, remaining capacity, cell Voltage, MOSFET operation, cell balance. Battery Management Analytics Data logging, alarms; battery bank status (non standard) BMS Digital I/O Configurable for integration with ScADA, telementy, building management and industrial recettler systems. BMS Additional Features Web interface, SNMR, MODBUS, SMTP, WiFi and LTE; Additional bespoke I/O (non standard) Charge time approximate 2 h		2 Eklaib	2 Eklaib
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Terminal ConnectionAnderson SB50 blue, UL Rated to 120ACircuit Breaker Compliance60A dual pole, non-polarised, IEC 60947-2CasingSurfmist industrial coated steelIngress Protection RatingIP50Battery case Dimensions (mm)450(D) x 420(W) x 88(H)570(D) x 420(W) x 88(H)Weight of Module26.8kg36.8kgInstallation optionsRackmount, vertical mount. See genz.com.au for detailsWarranty10 years. See genz.com.au for Terms & ConditionsLithium CompositionLithium Ferro Phosphate (LiFePO₄ or LFP)	Charge time approximate	2 hours at 25A	2 hours at 34A
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Casing Surfmist industrial coated steel Ingress Protection Rating IP50 Battery case Dimensions (mm) 450(D) × 420(W) × 88(H) 570(D) × 420(W) × 88(H) Weight of Module 26.8kg 36.8kg Installation options Rackmount, vertical mount. See genz.com.au for details Warranty 10 years. See genz.com.au for Terms & Conditions Lithium Composition Lithium Ferro Phosphate (LiFePO₄ or LFP)	Terminal Connection	Anderson SB50 blue, UL Rated to 120A	
Ingress Protection Rating IP50 Battery case Dimensions (mm) 450(D) x 420(W) x 88(H) 570(D) x 420(W) x 88(H) Weight of Module 26.8kg 36.8kg Installation options Rackmount, vertical mount. See genz.com.au for details Warranty 10 years. See genz.com.au for Terms & Conditions Lithium Composition Lithium Ferro Phosphate (LiFePO₄ or LFP)	Circuit Breaker Compliance	60A dual pole, non-polarised, IEC 60947-2	
Battery case Dimensions (mm)450(D) x 420(W) x 88(H)570(D) x 420(W) x 88(H)Weight of Module26.8kg36.8kgInstallation optionsRackmount, vertical mount. See genz.com.au for detailsWarranty10 years. See genz.com.au for Terms & ConditionsLithium CompositionLithium Ferro Phosphate (LiFePO4 or LFP)	Casing	Surfmist industrial coated steel	
Weight of Module26.8kg36.8kgInstallation optionsRackmount, vertical mount. See genz.com.au for detailsWarranty10 years. See genz.com.au for Terms & ConditionsLithium CompositionLithium Ferro Phosphate (LiFePO4 or LFP)	Ingress Protection Rating	IP50	
Installation options Rackmount, vertical mount. See genz.com.au for details Warranty 10 years. See genz.com.au for Terms & Conditions Lithium Composition Lithium Ferro Phosphate (LiFePO ₄ or LFP)	Battery case Dimensions (mm)	450(D) × 420(W) × 88(H)	570(D) × 420(W) × 88(H)
Warranty10 years. See genz.com.au for Terms & ConditionsLithium CompositionLithium Ferro Phosphate (LiFePO4 or LFP)	Weight of Module	26.8kg	36.8kg
Lithium Composition Lithium Ferro Phosphate (LiFePO ₄ or LFP)	Installation options	Rackmount, vertical mount. See genz.com.au for details	
	Warranty	10 years. See genz.com.au for Terms & Conditions	
Part Number GC48V-050LFP-2RU-01A GC48V-068LFP-2RU-01A	Lithium Composition	Lithium Ferro Phosphate (LiFePO ₄ or LFP)	
	Part Number	GC48V-050LFP-2RU-01A	GC48V-068LFP-2RU-01A



*When combined with genZ Analytics Module

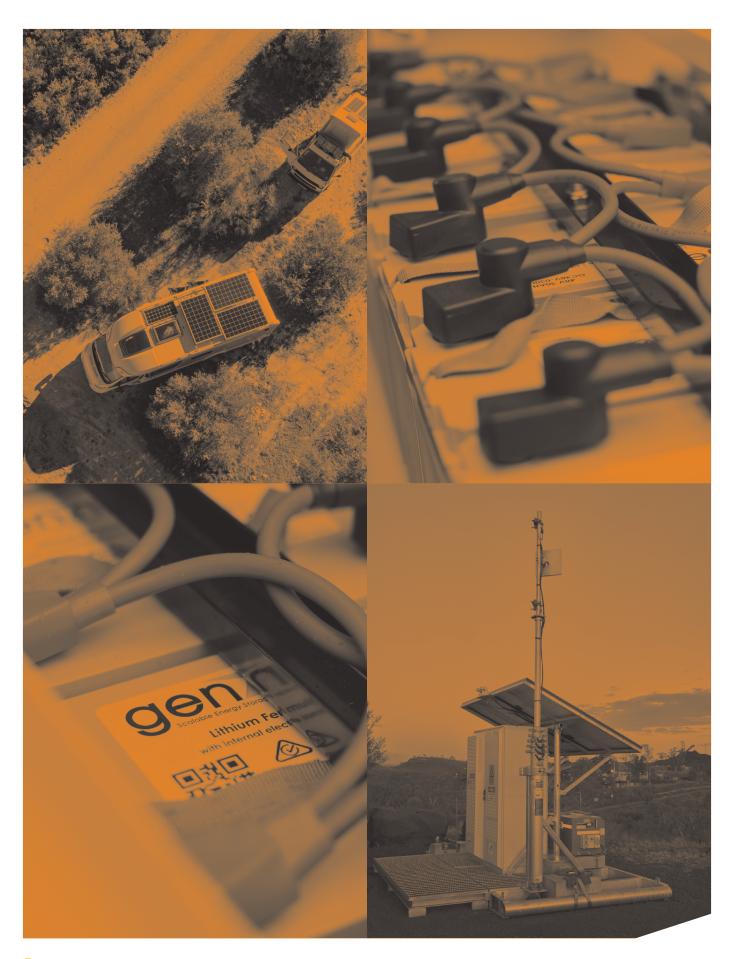












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