ST. GEORGE ENERGY

eco CHARGE

E974 SERIES

ECO CHARGE



CONNECTIVITY

Multiple ways of connectivity, remote access with programmability, monitor, adjust, diagnose,without the need for software or apps. Connections with your cell phone, PC, tablet is seamless.

Integration to DCPT Axess Point Charger & battery management system with active alerts. Removes costly Technician from having to travel to and from the site for adjustments, Proactive email alerts help remove costly battery down time.

DATA MANAGEMENT

- Life time Charge/Discharge cycle reports.
- Battery and Charger data logs.
- Monthly Calendar reports.
- Remote access to Battery and Charger logs.

BATTERY MONITORING LIKE A PRO

BMMBT with PLC communications to the charger optimizing the charger performance!

Mixing battery chemistry becomes a non issue, The BMMBT communicates the profile to the charger while monitoring Multiple data points to optimize the charger performance back to the battery protecting, monitoring and alerting to proactive alerts.

INDUSTRY LEADING ADVANCE MODULAR DESIGN

The most advanced Modular technology, its modular design enabling you to scale your DC output power needs as your business requirements continue to evolve.

- Built in Power module redundancy.
- Scalability output power to meet your needs

ENERGY SAVINGS

- The highest energy efficiency rating **97.6%**
- Advance energy management tools equipped.
- ADR capability (Auto demand Response.)

FLEXIBILITY

Auto Voltage sensing Technology Voltage range from 24V, 36V, 48V, 72V/80V, 96V. “Without a battery module”.

- Perfect Rental fleet solution
- Preconfigure and programmable profiles built in.
- Multi Battery Chemistry Lead Acid, Tubular, AGM, Lithium ready.

FULL CAN BUS FOR LITHIUM BATTERIES

- Optional can bus communication.
- OEM Lithium Profiles preprogrammed.

E974

Model	E974
Multi-Battery Voltage	24V, 36V, 48V, 72V, 80V, 96V
Main Voltage 3 phase power	480 Vac
Module Configuration	2-6 Modules
Efficiency	97.6%
DC Cable Configuration	4/0 Cable (single)
Dimension (W x H x D)	12 x 9.5 x 14.5 in. (205 x 240 x 365 mm)
Weight	Maximum 71.5lbs (32.5kg)
Marks of Conformity	UL listed, cUL listed, CEC-BC compliant, CE compliant
Charge Profile Options	Conventional, Opportunity, Fast, Lithium
Full Can bus ready	Yes



	BATTERY VOLTAGE				
Max Charge Current	24V/36A	48V	72V/80V	96V	AC Draw
E974-42	200A	170A	100A	85A	13.1A
E974-43	300A	255A	150A	127A	19.6A
E974-44	400A	340A	200A	170A	26.1A
E974-45	400A	400A	250A	212A	32.6A
E974-46	400A	400A	300A	255A	39.0A

ACCESSORIES



BMMBT

The BMMBT mounts directly on top of the battery. The BMMBT provides accurate metering, pre-programmed battery configurations, Temp. compensation, lifetime data logging, features a dual profile setting, cell imbalance with auto EQ when detected, electrolyte measurement w/low water alerts. PLC communication to the charger to optimize the charge back to the battery. BlueTooth connectivity features.



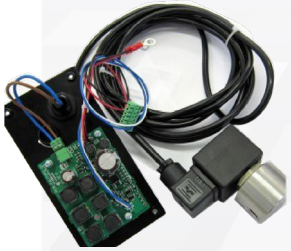
REMOTE CONTROL KIT #WRKT

The wired remote switch provides easy access to the charger functions with EQ control when charger are located in hard to reach areas.



STACK LIGHT KIT #TLKT

LED tower light indicator for battery status during on charger status from a distance, kit includes 11.8 inch pole, I/O expansion board with internal wiring loom, rear mounting bracket.



AUTO WATERING KIT

The auto watering kit includes the internal I/O expansion board, with a external mounted Stainless steel water valve suitable for the supply of deionized water supply , The Auto watering feature enables programable auto fill either by cycle count, Scheduled auto watering, Preprogrammed Eq's, BMMBT auto detection for low water indication, or manual control. Works with any Mfg. watering system.