



# BERGSTROM SOLAR ENERGY SYSTEMS

## HEAVY DUTY SOLAR CHARGER & JUMP START AVOIDANCE

**KEEP BATTERIES  
ALIVE AND HEALTHY,  
ENGINE-OFF**



Solar systems can save fuel, effectively eliminate jump starts, extend battery life, increase reliability and increase power available to offset parasitic loads. It also generates the extra power to reduce auto-start features. Vehicles can sit for days and weeks engine-off while the solar panels keep the batteries alive and healthy. Impressive ROI numbers, customer validated, with thousands of deployments in North America and Asia.

**80% Lighter than Glass**

**50X More Durable vs. Bus-Bar Technology**

**20% More Energy In Real World Conditions**

**2.5X Power Density vs. Thin Film Technology**



**Bergstrom®**



## BETTER SOLAR SOLUTIONS

### TECHNICAL FEATURES:

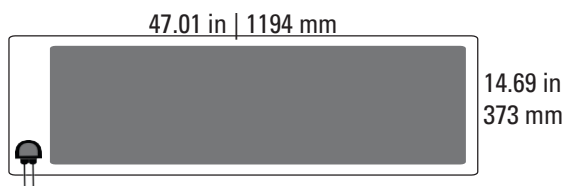
- RWS 70W or 140W Configuration
- Peel & Stick Simple Installation – DIY Friendly
- Optimized Charge Controller for low-light and extreme weather conditions included for all makes and models.
- Hardware Wiring Kit included for all makes and models

### OPTIONAL

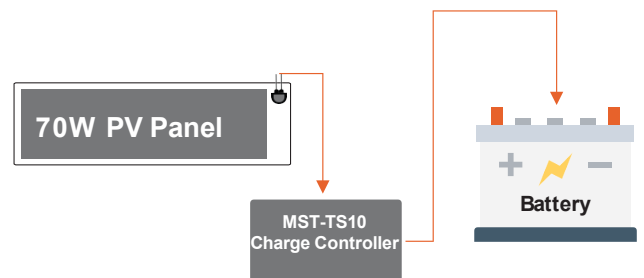
- Power Monitoring System
- Live data tracking with GPS location
- Know your fleet battery voltage at all times
- Set alerts based on performance & potential issues

Cell Type	PERC	PERC
Rated Pmax	70 Watts	140 Watts
Voltage Pmax	33.3 Vdc	66.6 Vdc
Current Imp	2.1 Amp	2.1 Amp
Voc	37.5 Vdc	75.0 Vdc
Isc	2.3 Amp	2.3 Amp
Active Area Efficiency	19.4 %	19.4 %
Battery Voltage	12V/24V	12V/24V
Charging Algorithm	3-Stage	3-Stage
Datalogging	Optional	Optional

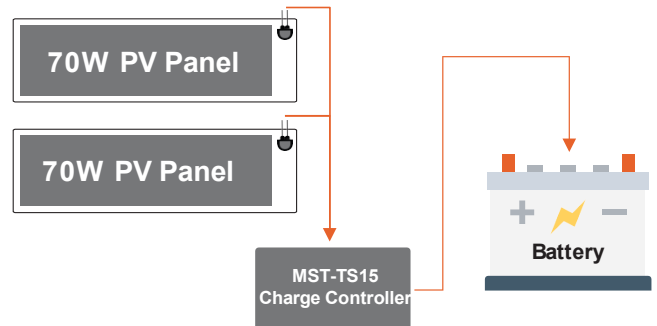
PV Module Weight & Dimensions  
Weight 4.5 lbs | 2.04 kg



### RWS-K700Q-X1 SCHEMATIC CIRCUIT - 70W



### RWS-K700Q-X2 SCHEMATIC CIRCUIT-0 140W



UL Standard 1703 Testing: Passed, IEC 61215/61730 Testing: Passed