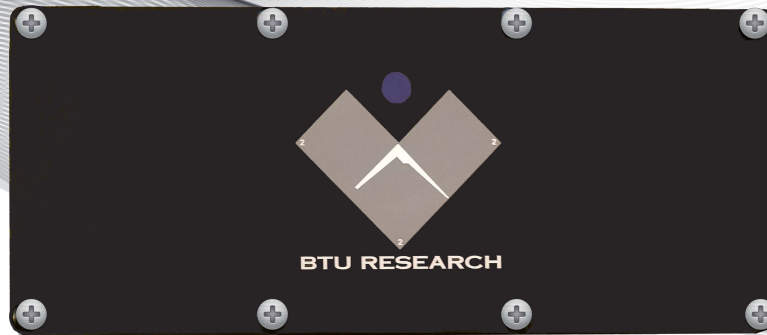




BTU RESEARCH™

SOLIDSWITCH POWER PACK

BTU-SS-PP-350WH



Each SolidSwitch Power Pack provides an additional 350WH of back-up run time capacity to the SolidSwitch. They are 350WH Li-Ion battery packs intended for use with the SolidSwitch. The Battery Management System within SolidSwitch allows the user to influence the Power Packs to maintain Continuous PoE to Critical devices, remotely. They deplete and recharge in a series fashion. SolidSwitch provides continuous operation of multiple IoT PoE devices. Power Packs will recharge when utility power is restored. Run-times and number of PoE devices to be constantly powered, are fully scalable.

PRODUCT ADVANTAGES

- Fully recharges in less than 8 hours
- Battery Over-depletion protection preserves batteries and prevents over-depletion hazards
- Superior performance, successfully used in industrial field

BATTERY PACK BTU7S4P SPECIFICATIONS 11/22/2019

DISCHARGE

Nominal open circuit voltage	25.9	V
Nominal capacity	350	WH
Nominal standard discharge current	2.68	A
Maximum continuous discharge current	11	A
Final cutoff voltage during discharge	21	V
Internal Impedance	< 0.3	Ω

CHARGE

Nominal standard charge current	2.68	A
Maximum continuous charge current	6.7	A
Maximum charge voltage	29.4	V
Charge retention (30 days)	> 85	%
Charging Cycles until 70% capacity (at standard charge/discharge rates)	> 800	

PHYSICAL

SolidSwitch pack dimensions	203*83*57.5	mm
Weight	1.6	Kg
Charge/discharge temperature	10-60	°C
Operating humidity	90	% Non-cond
Storage humidity	95	% Non-cond
Shock	1m drop onto concrete	
Vibration	1.6mm displ, 10-55Hz	

CERTIFICATION

UL 62133 (2nd Ed), IEC 62133B, CB 62133 & UN38.3