

TOSHIBA

SCiB Essence Specification		
480VDC SCiB ESS Standard Specifications		
ELECTRICAL	PARAMETER	STANDARD
	Capacity	44.7kWh, 90Ah
	Nominal Voltage	497VDC
	Voltage Range	455-565VDC
	Maximum Charge Voltage	565VDC
	Maximum Charge Current	32ADC
	DC Current Max	560A
	Module Type	Type 3-23 2P12S Module
	AC Input (Control Power)	480VAC, 5A, 2PH, 2W
ENVIRONMENTAL	Operating Temperature	0 to 40 C
	Ambient Humidity	85% RH or Less (No condensation)
	Enclosure	NEMA 1, Indoor Only
	Storage Temperature	0 to 40 C
	Weight	1950 lbs
	Unit Dimensions (per cabinet)	34.1" x 32.8" x 80.6" (WxDxH)
GENERAL	600A Internal DC Breaker	
	ETL Listed to UL1973	
	Two strings of (18) 2P12S SCiB Modules per Cabinet	
	Top & Bottom entry/exit	
	Convection Cooled	
	Modbus RTU Communication	
OPTIONS	Human Machine Interface (HMI) Providing Additional Display Detail and Cell Level	