

SIMPLIPHI YOUR POWER WITH **AccESS** to a fully integrated energy storage & management solution with Schneider Electric equipment

APPLICATIONS

SIA (Standard Interconnection Agreement) customers: ESS allows for solar PV power to be self-consumed in a DC Coupled system, curtailing PV production to prevent the export of power to the grid. Compatible with both string inverters and micro-inverters in an AC Coupled system, providing a backup power source.

NEM (Net Energy Metering) customers: add standby power to an existing net-metered solar array or peak-shaving to a new net-metered solar array.

Off-grid customers: ESS with 4.8 kW Solar MPPT combines power generation and energy management in a single package.

Disaster recovery customers: reliable, 98% efficient, non-toxic backup power in the event of a power outage.

SPECIFICATIONS	ACCESS 2.0 (x4 PHI 3.8)
General	
Dimensions	29.5" W x 76"H (w/feet) x 20" D / 75 cm W x 193 cm H x 51 cm D
Weight	600 lbs. (272.16 kg.) w/o batteries
Enclosure Rating	NEMA 3R Outdoor Rated
Mounting	Free-standing or Pad-mounted
Inverter	
Schneider Electric	Conext XW Pro
Application	On or Off-Grid
AC Connections	1 Grid Port, 1 Generator Port
AC Output	48 A (120 VAC) / 27 A (240 VAC), 60 Hz
Rated Output Power	6.8 kW Continuous
Max Output Charging Current	140 ADC
CEC Weighted Efficiency	92.5%
Battery	
SimpliPhi Power	(x4) PHI 3.8 kWh-48V
UL Rating	ETL Certified to UL 1973 Standard, UL 9540
Rated kWh Capacity @ C/2	15.2 kWh
Max Combined Output Power	7.6 kW DC
Max Combined Charge Current	150 ADC
Charging Temperature	32°F to 120°F (0°C to 49°C)
Depth of Discharge	Up to 100% DoD
Round Trip Efficiency	98%
Cycle Life	10,000+ cycles (@ 80% DoD)
Warranty Period	10 years
Solar (select models)	
Schneider Electric Charge Controller	Conext MPPT 100 600
Max Connected PV Power	6 kW
Max Charge Current	80 ADC
Max Operating PV Array Voltage	195 to 550 VDC
Max Open Circuit PV Array Voltage	600 VDC
System Monitoring	
Set Up/Monitor (no internet)	System Control Panel (SCP)
Battery Monitor	Conext Battery Monitor
Internet Connected Monitor/Command	Gateway
Options	
Conext Automatic Generator Start	Conext AGS
Schneider Electric Charge Controller	Conext MPPT 100 600