Schneider Guide

All Open Loop Settings are programmable with a SCP, Insight Local or/and Insight Cloud. Disregard the communication cable that would go from battery to inverter.

Settings for Pytes Batteries with Schneider Inverters

Charger Setting > Custom Setting	
Battery Type	Custom
Charge Cycle	2StgNoFloat
Bulk Voltage	56 V
Max Bulk Current	50A per battery
Max Discharge Current	50A per battery
Battery Capacity	100 Ah per battery
Max Charge Rate Percentage (%)	50A per battery Divided by Total Inverter DC Amps*
Default Battery Temperature	Warm
Recharge Volts	51.2 V
Grid Support Volts	53 V
Absorb Volts	56 V
Absorb Time	1 hour
Charge Block Start	Default
Charge Block Stop	Default
Advanced Setting > Inverter Settings	
Low Battery Cut Out Voltage	47 V
LBCO Hysteresis	2.0 V
LBCO Delay	5 Sec
High Battery Cut Out Voltage	56.5 V
Search Watts	Default
Search Delay	Default

Settings with Schneider Charge Controllers

Parameter Setting for Pytes Batteries with Schneider XW+&XW Pro MPPT 60/80

Advanced Setting > Charger Setting	
Battery Type	Custom
Custom Setting	
Charge Mode	3 Stage
Eqlz Mode	Disabled
Bulk Voltage	56.2 V
Absorb Voltage	56.2 V
Absorb Time	60 minutes
Float Voltage	55.8 V
Battery Temperature Compensation	0mV/C
Battery Capacity	100Ah per battery
Max Charge Rate Percentage	50 A per battery Divide by total CC amp output
Charge Cycle	Warm
Recharge Volts	53 V
Absorb Time	1 Hour
Default Battery Temperature	Warm
Battery Voltage (Auto-detected)	51.2 V

Note: The charge controllers can be set to a 3 stage charging cycle, but the inverter should be kept in a 2 stage charging cycle. Doing so, as well as setting the charge controller recharge voltage to be greater than that of the inverter recharge voltage, will prioritize charge controller charging over the inverter charging. Inverter charging is a grid/generator charge which has a lower priority than solar charge controller charging.

Please refer to XW Pro Commissioning Guide - Schneider Electric Solar for more information.