

## VersiCharge Ultra 175 System Installation Checklist

### Inspection

Site name:			
Inspected by:		Date:	

### Instructions

This document refers to the **VersiCharge Ultra 175 Site Installation Manual** where the requirements are detailed. Check all fields 'YES' or 'NO.'  
 If 'NO', provide details in the comments section at the end of this form.

### Checklist

TOPIC		RESULT		
<b>1. Site pre-acceptance - complete for installation to start?</b>		YES	NO	Comments
IPU foundation correct (orientation, altitude, conduit ends)	IPU			
UU foundations correct (orientation, altitude, conduit ends)	UU			
Site surface correct (paving, markings, etc.)				
Cables installed, labelled, have sufficient length, correct type (refer to TR1125.INS.016 Piping and Cabling)	High Power AC Cables			
	High Power DC Cables			
	Protective Earth (AC, DC)			
	Data Cables			
	Single Phase Cable			
	Safety Loop			
IMI Earth Reference Wire				
Earthing Electrode Installed for EMC compliance				
<b>2. Cable preparation</b>		YES	NO	Comments
IPU power cables cut and terminated				
UU power cables cut and terminated				
<b>3. Crane/lifting and securing</b>		YES	NO	Comments
IPU cabinet installed (Orientation, sealed, bolted down, lifting equipment removed)	IPU			
UU installed (orientation, bolted down, straps removed)	UU			
<b>4. High power wiring connections</b>		YES	NO	Comments
IPU AC power cables connected (contact grease, labels, heat-shrink, correct crimp die, torque marks)	IPU			
IPU DC power cables connected (contact grease, labels, heat-shrink, correct crimp die, torque marks)	IPU			
UU DC power cables connected (contact grease, labels, heat-shrink, correct crimp die, torque marks)	UU			

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TOPIC		RESULT		
		YES	NO	Comments
<b>4. High power wiring connections cont'd</b>				
UU to IPU DC continuity test (repeat for each user unit):	DC+ to DC+ has continuity			
	DC+ to DC- open circuit			
	DC+ to GND open circuit			
	DC- to DC- has continuity			
	DC- to GND open circuit			
	GND to GND has continuity			
Supply point to IPU AC continuity test	L1 to L1 has continuity			
	L1 to L2 open circuit			
	L1 to L3 open circuit			
	L1 to GND open circuit			
	L2 to L2 has continuity			
	L2 to L3 open circuit			
	L2 to GND open circuit			
	L3 to L3 has continuity			
	L3 to GND open circuit			
	GND to GND has continuity			
<b>5. Single phase wiring connections</b>		YES	NO	Comments
Single phase supply L, N connected to correct UU terminals				
<b>6. Data wiring connections</b>		YES	NO	Comments
UU data connector at UU crimped and inserted (including shield). Use tester to confirm correct termination.	UU			
UU data connector at IPU crimped and inserted (including shield). Use tester to confirm correct termination.	IPU			
<b>7. Safety wiring connections</b>		YES	NO	Comments
24V DC safety wire connected from IPU terminals to UU terminals.	IPU			
<b>8. Final items</b>		YES	NO	Comments
IPU cabinet closes correctly (4 latches per door), keys secure	IPU			
UU metal hatch closed and torqued, aluminium front panels installed	UU			
Waste management, tidy up of the site				
Photos of site (attach photos with this checklist)				

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Comments	Action Taken