









Power Controllers

Power Control	Single Phase	Single & Multi Phase		Multi Channel
				
	EFit™	E-Pack™ Lite	E-Pack™	E-Power™
Description	Easy to integrate and commission, highly cost effective, the EFit power controller provides no compromise control for resistive and infrared heating elements.	The E-Pack Lite range offers a simplified choice, fast commissioning without any compromise on performance in order to provide a high level of quality, accuracy and reliability to the process.	E-Pack power controllers can deliver real savings, significantly reducing your energy costs. Get the most from your operations; quick and easy to install, integrate and commission.	The E-Power controller uses the newest technologies and innovations to manage your process and reduce your energy costs. On every level it brings you the flexibility you need to meet your requirements now and in the future.
Level of Functionality				
Features				
Type of Load	Resistive / Transformer Primary / Silicon Carbide / Mosi / SWIR	Resistive / Transformer Primary	Resistive / Transformer Primary / Silicon Carbide / Mosi / SWIR	Resistive / Transformer Primary / Silicon Carbide / Mosi / SWIR
Network	1PH	1PH / 2PH / 3PH	1PH / 2PH / 3PH	1PH / 2PH / 3PH / 4PH
Voltage Line Max	100V-230V / 380V-500V	100V-500V	100V-230V / 380V-500V	100V-690V
Max Load/Current Power	16A-50A	16A-125A	16A-125A	"Compact 50A-630A / Decentralized 800A-4000A (MC)"
Load Coupling	1PH	Star (3S) / Delta (3D) / Star with Neutral (4S) / Open delta (6D)	Star (3S) / Delta (3D) / Star with Neutral (4S) / Open delta (6D)	Star (3S) / Delta (3D) / Star with Neutral (4S) / Open delta (6D)
Aux. Supply	Self Supply / 110V / 230V	24V / 100V-500V	24V / 100V-500V	110V / 230V
Input Type	mA / V / Potentiometer	mA / V / Potentiometer / Logic DC / Logic Contact	mA / V / Potentiometer / Logic DC / Logic Contact / Via Communication	mA / V / Potentiometer / Logic DC / Logic Contact / Via Communication
I/O	Fixed	Fixed / Adjustable	Fixed / Adjustable	Adjustable / Modular
Communication	-	-	Modbus TCP / Ethernet IP / EtherCAT / Profinet	Modbus TCP / Ethernet IP* / Profinet* / Profibus /
Extra	-	-	Daisy Chain / FDT	PLM energy management / Daisy Chain / 2 FDT
Firing mode	Phase Angle / Burst / Single Cycle / Advanced Single Cycle	Phase Angle / Burst / Single Cycle / IHC / Logic	Phase Angle / Burst / Mix (Burst/Phase Angle) / Single Cycle / IHC / Logic	Phase Angle / Burst / Mix (Burst/Phase Angle) / Single Cycle / IHC / Logic
Control	Voltage / Current Limitation	Voltage / Current / Open Loop	Voltage / Current / Power / Current Limitation / Open Loop / Transfer Control/Limitation	Voltage / Current / Power / Current Limitation / Open Loop / Transfer Control / Vrms Control / Irms Control
Alarm Diagnostic		Load Diagnostics / Network Diagnostics / Product Diagnostics	Load Diagnostics / Network Diagnostics / Product Diagnostics	Load Diagnostics / Network Diagnostics / Product Diagnostics
Certification	CE / UL/ EAC / CCC / ROHS	CE / UL/ EAC / CCC / ROHS	CE / UL/ EAC / CCC / ROHS	CE / UL/ EAC / CCC / ROHS

*Ethernet and Profinet not for sale in the USA