

FEATURES	PM0816-01	ES1108-16
General		
OLED/TFT	OLED	TFT
4 Control buttons	Y	Y
SD card	N	Y
Real time clock	N	Y
110-240V, 16A max	Y	Y
Switchable outlets	Y	Y
Connectors		
1x Inlet C20, 110-240V	Y	Y
8x outlet C13, 8A max per outlet, 110V-240V	Y	Y
1x RJ45: RS485 R-network	N	Y
1x RJ45: Ethernet 10 Mbps auto detecting, half/full duplex	Y	Y
1x RJ45: Ethernet 10/100 Mbps auto detecting, half/full duplex	N	Y
8x RJ45: 8x RS232	N	Y
4x DB9: 4x RS232	Y	N
Time domain (Real Time) measuring		
True RMS current	Y	Y
True RMS voltage	Y	Y
Oscilloscope function	N	Y
Outlet Level measurements: V, W, VA, A, PF, Hz, kWh, kVAh	Y	Y
PDU totals: V, W, VA, A, PF, Hz, kWh, kVAh	Y	Y
Resetable non-volatile memory for kWh (per outlet and total)	Y	Y
Non Resetable non-volatile memory for kWh (per outlet and total)	Y	Y
Data sampling per outlet (Voltage and current)	40000 samples/s	40000 samples/s
Frequency domain measuring		
Frequency domain feature set (FFT)	N	Y
Graphical representation of harmonics	N	Y
Communication		
IP to RS232 functionality	Y 4 port	Y 8 ports
Simultaneous telnet to IP	Y 4 port	N
Programmable Baudrate (up to 115200 baud) and telnet port for RS232 connection	Y	Y
Ethernet 10/100	Y	Y
DHCP support	Y	Y
IP v4	Y	Y
RS485 connection	N	Y
ZIGBEE meshed Wireless	N	N
CLI over RS232 console and telnet	N	Y
Environmental		
External airflow sensor	N	Y
Internal humidity sensor	N	N
External humidity sensor	N	Y
Internal temperature sensor	Y	Y
External temperature sensor	Y	Y
External Rackdoor intrusion detection	Y	Y
External Smoke detector	N	Y
Other possible external sensors	N	Y
I/O extender	N	Y
Security and Alerting		
Audible and visible alarm	N	Y
SNMP get, trap (read and write)	Y	Y
HTTP built website	Y	Y
Secure website (HTTPS)	N	Y
Use own SSL certificate	N	Y
Telnet	Y	Y
Warning level for temperature, humidity etc (by sending traps)	Y	Y
Warning level for voltage, current, power etc (by sending traps)	Y	Y
Record time/date of Min/Max Voltage incl. trap sending	Y	Y
Record time/date of maximum current per outlet and total incl. trap sending	Y	Y
Record time/date of Min/Max temperature per sensor incl. trap sending	Y	Y
Record time/date of Min/Max humidity per sensor incl. trap sending	Y	Y
Safety		
Manual programmable Startup sequence	Y	Y
Priority management for connected devices	Y	Y
Manual Resettable Circuit Breaker Non UL	Y	N
Programmable electronic fuse 1s	Y	Y
Electronic Fast Fuse Protection (EFP) (ms)	N	Y
Micro-interruption power detection	N	Y
Phase shifting detection	N	Y
Micro power peak detection	N	Y
Inrush current protection by zero crossing switching	Y	Y
Outlet switch off depending on programmable temperature threshold	Y	Y
Outlet switch off depending on programmable current threshold	Y	Y
All outlet switch off if temperature > 60 degr C	Y	Y
Logging		
Event logging	Y	Y
Startup logging	Y	Y
Short term logging	N	Y
Medium/long term logging	N	Y
Built-in Real time clock with backup battery	N	Y
Support NTP (internet NTP server)	Y	Y
Support NTP (user owned NTP server)	Y	Y
Other features		
Programmable PDU name, port name and Rack position	Y	Y
Outlet scheduler to program time based outlet switching	Y	Y
Firmware		
Firmware upgradable	Y	Y
Bootloader over Ethernet	Y	Y