



M850

MODBUS 3X and 4X Registers

3X Address	Register	4X Address	Register2	Measurement	M550/M560 V4.01	M850Standard	M850 dc Version	Order No
30001	(0x0000)	42001	(0x07D0)	V L1-2	Yes	Yes	***	1
30003	(0x0002)	42003	(0x07D2)	V L2-3	Yes	Yes	***	2
30005	(0x0004)	42005	(0x07D4)	V L3-1	Yes	Yes	***	3
30007	(0x0006)	42007	(0x07D6)	V 1	Yes	Yes	Yes	4
30009	(0x0008)	42009	(0x07D8)	V 2	Yes	Yes	***	5
30011	(0x000A)	42011	(0x07DA)	V 3	Yes	Yes	***	6
30013	(0x000C)	42013	(0x07DC)	I 1	Yes	Yes	Yes	7
30015	(0x000E)	42015	(0x07DE)	I 2	Yes	Yes	***	8
30017	(0x0010)	42017	(0x07E0)	I 3	Yes	Yes	***	9
30019	(0x0012)	42019	(0x07E2)	kW Sum	Yes	Yes	Yes	10
30021	(0x0014)	42021	(0x07E4)	kVA Sum	Yes	Yes	***	11
30023	(0x0016)	42023	(0x07E6)	kVAR Sum	Yes	Yes	***	12
30025	(0x0018)	42025	(0x07E8)	PF Avg	Yes	Yes	***	13
30027	(0x001A)	42027	(0x07EA)	kWHr (Import)	Yes	Yes	Yes	14
30029	(0x001C)	42029	(0x07EC)	kVAHr (Import)	Yes	Yes	***	15
30031	(0x001E)	42031	(0x07EE)	Hz	Yes	Yes	***	16
30033	(0x0020)	42033	(0x07F0)	kW 1	Yes	***	***	17
30035	(0x0022)	42035	(0x07F2)	kW 2	Yes	***	***	18
30037	(0x0024)	42037	(0x07F4)	kW 3	Yes	***	***	19
30039	(0x0026)	42039	(0x07F6)	kVAr 1	Yes	***	***	20
30041	(0x0028)	42041	(0x07F8)	kVAr 2	Yes	***	***	21
30043	(0x002A)	42043	(0x07FA)	kVAr 3	Yes	***	***	22
30045	(0x002C)	42045	(0x07FC)	kWd (Import)	Yes	Yes	Yes	23
30047	(0x002E)	42047	(0x07FE)	kVAd	Yes	Yes	***	24
30049	(0x0030)	42049	(0x0800)	Ad	Yes	Yes	Yes	25
30051	(0x0032)	42051	(0x0802)	Neutral Current	Yes	Yes	***	26
30053	(0x0034)	42053	(0x0804)	kVA 1	Yes	***	***	27
30055	(0x0036)	42055	(0x0806)	kVA 2	Yes	***	***	28
30057	(0x0038)	42057	(0x0808)	kVA 3	Yes	***	***	29
30059	(0x003A)	42059	(0x080A)	PF L1	Yes	***	***	30
30061	(0x003C)	42061	(0x080C)	PF L2	Yes	***	***	31
30063	(0x003E)	42063	(0x080E)	PF L3	Yes	***	***	32
30065	(0x0040)	42065	(0x0810)	kWHr (Export)	Yes	***	Yes	33
30067	(0x0042)	42067	(0x0812)	kVAHr (Export)	Yes	***	***	34
30069	(0x0044)	42069	(0x0814)	kVAHr	Yes	***	***	35
30071	(0x0046)	42071	(0x0816)	AHr	Yes	***	Yes	36
30073	(0x0048)	42073	(0x0818)	kWd (Export)	Yes	***	***	37
30075	(0x004A)	42075	(0x081A)	Max kWd (Import)	Yes	Yes	Yes	38
30077	(0x004C)	42077	(0x081C)	Max kWd (Export)	Yes	***	***	39
30079	(0x004E)	42079	(0x081E)	Max kVAd	Yes	Yes	***	40
30081	(0x0050)	42081	(0x0820)	Max Ad	Yes	Yes	Yes	41
30083	(0x0052)	42083	(0x0822)	Hours Run	***	* S2	***	42
30085	(0x0054)	42085	(0x0824)	THD V1	***	* S7	***	43
30087	(0x0056)	42087	(0x0826)	THD V2	***	* S7	***	44
30089	(0x0058)	42089	(0x0828)	THD V3	***	* S7	***	45
30091	(0x005A)	42091	(0x082A)	THD I1	***	* S7	***	46
30093	(0x005C)	42093	(0x082C)	THD I2	***	* S7	***	47
30095	(0x005E)	42095	(0x082E)	THD I3	***	* S7	***	48



For more information on this product, please contact:
PC&S, Inc. at +1 (800) 523-9194 or +1 (973) 448-9400
www.pc-s.com

M850 MODBUS 3X and 4X Registers

Modbus Address	Register Address/Name	Mode
40001 (0x00)	SYSTEM VOLTAGE	(RO)
40003 (0x02)	SYSTEM CURRENT	(R/W)
40005 (0x04)	SYSTEM TYPE	(R/W)
40007 (0x06)	DEMAND TIME	(R/W)
40009 (0x08)	DEMAND STATUS	(RO)
40011 (0x0A)	kW.h COUNTER DIVISOR	(R/W)
40013 (0x0C)	kVA.h COUNTER DIVISOR	(R/W)
40015 (0x0E)	N/A	(N/A)
40017 (0x10)	N/A	(N/A)
40019 (0x12)	RESET ENERGY	(WO)
40021 (0x14)	RESET DEMAND	(WO)
40023 (0x16)	N/A	(N/A)
40025 (0x18)	N/A	(N/A)
40027 (0x1A)	SET NODE ADDRESS	(R/W)
40029 (0x1C)	PRIMARY VOLTAGE	(R/W)
40031 (0x1E)	SECONDARY VOLTAGE	(R/W)
40097 (0x60)	LOCK ACIA SETTINGS	(WO)



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For more information and certifications, please contact:

Panel Components & Systems, Inc. ■ Phone: (800) 523-9194 ■ info@pc-s.com

Main Office:

Stanhope, NJ

Phone: (973) 448-9400

South East:

Charlotte, NC

Phone: (704) 535-3357

South Central:

Tulsa, OK

Phone: (862) 258-6974

Canada:

Edmonton, AB

Phone: (877) 962-0557